

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

A10 AGGREGATE / CHIP SPREADERS

A10 0.10 SELF PROPELLED

ROSCO, A LeeBoy COMPANY

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A10RS009	CSV	CHIP SPREADER, SELF-PROPELLED, 0' - 16' WIDTH, 2.0 CY HOPPER		D-Off	275	HP	D-Off	238		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$27.53	\$1.26	\$28.79	\$23.19	\$2.72	\$0.71	\$0.12	\$33.52	\$60.27	\$89.06
Standby	\$13.77	\$1.26							\$15.03	

A10 0.20 TOWED & TAILGATE

PAVEMENT TECHNOLOGIES ININTERNATIONAL

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A10PV001	GS 84	CHIP SPREADER, TAILGATE, 8' WIDE (ADD DUMP TRUCK)		D-Off		D-Off		7		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.66	\$0.02	\$0.68	\$0.00	\$0.00	\$0.00	\$0.00	\$0.65	\$0.65	\$1.33
Standby	\$0.33	\$0.02							\$0.35	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A10 AGGREGATE / CHIP SPREADERS

A10 0.20 TOWED & TAILGATE

SEALMASTER, INC.

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT
A10SE003	R-1 TAILGATE	CHIP SPREADER, TAILGATE, 10' WIDE, 1.41 CY (ADD DUMP TRUCK)					D-Off		D-Off		30
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$3.11	\$0.11	\$3.22	\$0.00	\$0.00	\$0.00	\$0.00	\$3.02	\$3.02	\$6.24	
Standby	\$1.56	\$0.11							\$1.67		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT
A10SE004	R-1 TOWED	CHIP SPREADER, TOWED, 10' WIDE, 1.41 CY (ADD DUMP TRUCK)					D-Off		D-Off		30
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$3.46	\$0.12	\$3.58	\$0.00	\$0.00	\$0.00	\$0.00	\$3.36	\$3.36	\$6.94	
Standby	\$1.73	\$0.12							\$1.85		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A15 AIR COMPRESSORS

A15 0.10 ROTARY SCREW

DOOSAN PORTABLE POWER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A15DP001	P185WDO-T4F	AIR COMPRESSOR, 185 CFM, 100 PSI, TRAILER MTD (ADD HOSE)		D-On	49	HP	D-Off	23		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.62	\$0.09	\$1.71	\$5.27	\$0.72	\$0.05	\$0.01	\$1.98	\$8.03	\$9.74
Standby	\$0.81	\$0.09							\$0.90	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A15DP002	HP375WCU-T4F	AIR COMPRESSOR, 375 CFM, 150 PSI, TRAILER MTD (ADD HOSE)		D-On	140	HP	D-Off	42		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.20	\$0.23	\$4.43	\$15.07	\$2.06	\$0.05	\$0.01	\$5.12	\$22.31	\$26.74
Standby	\$2.10	\$0.23							\$2.33	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A15DP003	VHP400WC U-T4F	AIR COMPRESSOR, 400 CFM, 200 PSI, TRAILER MTD (ADD HOSE)		D-On	173	HP	D-Off	52		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.90	\$0.27	\$5.17	\$18.62	\$2.55	\$0.07	\$0.01	\$5.97	\$27.22	\$32.39
Standby	\$2.45	\$0.27							\$2.72	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A15 AIR COMPRESSORS

A15 0.10 ROTARY SCREW

DOOSAN PORTABLE POWER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A15DP004	HP450WCU-T4F	AIR COMPRESSOR, 450 CFM, 150 PSI (ADD HOSE)		D-On	173	HP	D-Off	52		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.90	\$0.27	\$5.17	\$18.62	\$2.55	\$0.07	\$0.01	\$5.97	\$27.22	\$32.39
Standby	\$2.45	\$0.27							\$2.72	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A15DP012	HP750WCU-T4F	AIR COMPRESSOR, 750 CFM, 150 PSI, TRAILER MTD (ADD HOSE)		D-On	270	HP	D-Off	87		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.80	\$0.43	\$8.23	\$29.06	\$3.98	\$0.11	\$0.02	\$9.50	\$42.67	\$50.90
Standby	\$3.90	\$0.43							\$4.33	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A15DP013	XP825WCU-T4F	AIR COMPRESSOR, 825 CFM, 125 PSI, TRAILER MTD (ADD HOSE)		D-On	270	HP	D-Off	87		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.80	\$0.43	\$8.23	\$29.06	\$3.98	\$0.11	\$0.02	\$9.50	\$42.67	\$50.90
Standby	\$3.90	\$0.43							\$4.33	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A15 AIR COMPRESSORS

A15 0.10 ROTARY SCREW

DOOSAN PORTABLE POWER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A15DP014	XP1000WC U-T4F	AIR COMPRESSOR, 1,000 CFM, 125 PSI, TRAILER MTD (ADD HOSE)		D-On	305	HP	D-Off	105		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.18	\$0.51	\$9.69	\$32.83	\$4.49	\$0.11	\$0.02	\$11.18	\$48.63	\$58.32
Standby	\$4.59	\$0.51							\$5.10	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A15DP015	HP915WCU- T4F	AIR COMPRESSOR, 915 CFM, 150 PSI, TRAILER MTD (ADD HOSE)		D-On	305	HP	D-Off	105		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.27	\$0.51	\$9.78	\$32.83	\$4.49	\$0.11	\$0.02	\$11.28	\$48.74	\$58.52
Standby	\$4.64	\$0.51							\$5.15	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A15DP016	HP1600WC U-T4F	AIR COMPRESSOR, 1,600 CFM, 150 PSI, TRAILER MTD (ADD HOSE)		D-Off	580	HP	D-Off	186		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$16.45	\$0.91	\$17.36	\$51.78	\$7.09	\$0.14	\$0.02	\$20.03	\$79.06	\$96.42
Standby	\$8.23	\$0.91							\$9.14	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A15 AIR COMPRESSORS

A15 0.10 ROTARY SCREW

DOOSAN PORTABLE POWER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A15DP017	P250-T4F	AIR COMPRESSOR, 250 CFM, 100 PSI, TRAILER MTD (ADD HOSE)		D-Off	74	HP	D-Off	27		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.00	\$0.11	\$2.11	\$6.61	\$0.90	\$0.06	\$0.01	\$2.44	\$10.01	\$12.12
Standby	\$1.00	\$0.11							\$1.11	

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A15XX001	825 CFM	AIR COMPRESSOR, 825 CFM, 125 PSI, TRAILER MTD (ADD HOSE)		D-Off	305	HP	D-Off	90		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.75	\$0.38	\$7.13	\$27.23	\$3.73	\$0.09	\$0.02	\$8.22	\$39.29	\$46.42
Standby	\$3.38	\$0.38							\$3.76	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A15XX019	50G	AIR COMPRESSOR, 50 CFM, 100 PSI, CART MTD (ADD HOSE)		Gas	21	HP	D-Off	5		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.77	\$0.04	\$0.81	\$3.20	\$0.50	\$0.00	\$0.00	\$0.94	\$4.64	\$5.45
Standby	\$0.39	\$0.04							\$0.43	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A15 AIR COMPRESSORS

A15 0.10 ROTARY SCREW

NO SPECIFIC MANUFACTURER

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
A15XX020	60G	AIR COMPRESSOR, 60 CFM, 100 PSI, CART MTD (ADD HOSE)			Gas	18	HP	D-Off	5	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.87	\$0.05	\$0.92	\$2.74	\$0.43	\$0.00	\$0.00	\$1.06	\$4.23	\$5.15
Standby	\$0.44	\$0.05							\$0.49	

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
A15XX021	100D	AIR COMPRESSOR, 100 CFM, 100 PSI, TRAILER MTD (ADD HOSE)			D-Off	21	HP	D-Off	13	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.28	\$0.07	\$1.35	\$1.87	\$0.26	\$0.04	\$0.01	\$1.56	\$3.73	\$5.08
Standby	\$0.64	\$0.07							\$0.71	

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
A15XX028	185D	AIR COMPRESSOR, 185 CFM, 100 PSI, TRAILER MTD (ADD HOSE)			D-Off	49	HP	D-Off	23	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.08	\$0.12	\$2.20	\$4.37	\$0.60	\$0.06	\$0.01	\$2.54	\$7.57	\$9.77
Standby	\$1.04	\$0.12							\$1.16	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A15 AIR COMPRESSORS

A15 0.10 ROTARY SCREW

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A15XX031	M114	AIR COMPRESSOR, 375 CFM, 100 PSI; 345 CFM, 145 PSI; 295 CFM, 175 PSI; 265 CFM, 205 PSI; TRAILER MTD (ADD HOSE)		D-Off	104	HP	D-Off	41		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.52	\$0.20	\$3.72	\$9.29	\$1.27	\$0.06	\$0.01	\$4.28	\$14.91	\$18.63
Standby	\$1.76	\$0.20							\$1.96	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A15XX033	425	AIR COMPRESSOR, 425 CFM, 100 PSI, TRAILER MTD (ADD HOSE)		D-Off	173	HP	D-Off	42		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.83	\$0.27	\$5.10	\$15.45	\$2.11	\$0.06	\$0.01	\$5.88	\$23.52	\$28.62
Standby	\$2.42	\$0.27							\$2.69	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A15XX035	750	AIR COMPRESSOR, 750 CFM, 100 PSI, TRAILER MTD (ADD HOSE)		D-Off	200	HP	D-Off	78		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.89	\$0.44	\$8.33	\$17.86	\$2.44	\$0.06	\$0.01	\$9.60	\$29.97	\$38.30
Standby	\$3.95	\$0.44							\$4.39	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A15 AIR COMPRESSORS

A15 0.10 ROTARY SCREW

NO SPECIFIC MANUFACTURER

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
A15XX036	795	AIR COMPRESSOR, 795 CFM, 175 PSI, TRAILER MTD (ADD HOSE)			D-Off	288	HP	D-Off	78	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.08	\$0.39	\$7.47	\$25.71	\$3.52	\$0.06	\$0.01	\$8.61	\$37.91	\$45.38
Standby	\$3.54	\$0.39							\$3.93	

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
A15XX037	900	AIR COMPRESSOR, 900 CFM, 125 PSI, TRAILER MTD (ADD HOSE)			D-Off	288	HP	D-Off	78	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.05	\$0.39	\$7.44	\$25.71	\$3.52	\$0.11	\$0.02	\$8.59	\$37.94	\$45.38
Standby	\$3.53	\$0.39							\$3.92	

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
A15XX038	1095	AIR COMPRESSOR, 1,095 CFM, 145 PSI, TRAILER MTD (ADD HOSE)			D-Off	327	HP	D-Off	126	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.97	\$0.56	\$10.53	\$29.19	\$3.99	\$0.21	\$0.04	\$12.15	\$45.58	\$56.11
Standby	\$4.99	\$0.56							\$5.55	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A15 AIR COMPRESSORS

A15 0.10 ROTARY SCREW

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A15XX039	1200	AIR COMPRESSOR, 1,200 CFM, 125 PSI, TRAILER MTD (ADD HOSE)		D-Off	327	HP	D-Off	126		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.94	\$0.56	\$10.50	\$29.19	\$3.99	\$0.29	\$0.05	\$12.12	\$45.64	\$56.14
Standby	\$4.97	\$0.56							\$5.53	

SULLAIR CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A15SR002	900XHH/1150XH	AIR COMPRESSOR, 900 CFM @ 350 PSI, 1150 CFM @ 500 PSI, TRAILER MTD (ADD HOSE)		D-Off	540	HP	D-Off	140		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$22.00	\$1.22	\$23.22	\$48.21	\$6.60	\$0.28	\$0.05	\$26.79	\$81.92	\$105.14
Standby	\$11.00	\$1.22							\$12.22	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A15SR004	185-KUB	AIR COMPRESSOR, 185 CFM, 100 PSI, TRAILER MTD (ADD HOSE)		D-Off	49	HP	D-Off	22		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.01	\$0.11	\$2.12	\$4.37	\$0.60	\$0.05	\$0.01	\$2.45	\$7.47	\$9.59
Standby	\$1.01	\$0.11							\$1.12	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A15 AIR COMPRESSORS

A15 0.10 ROTARY SCREW

SULLAIR CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A15SR008	375H	AIR COMPRESSOR, 375 CFM, 150 PSI, TRAILER MTD (ADD HOSE)		D-Off	130	HP	D-Off	44		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.71	\$0.26	\$4.97	\$11.61	\$1.59	\$0.11	\$0.02	\$5.75	\$19.07	\$24.04
Standby	\$2.36	\$0.26							\$2.62	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A15SR009	425H	AIR COMPRESSOR, 425 CFM, 100 PSI, TRAILER MTD (ADD HOSE)		D-Off	140	HP	D-Off	44		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.15	\$0.29	\$5.44	\$12.50	\$1.71	\$0.11	\$0.02	\$6.27	\$20.61	\$26.05
Standby	\$2.58	\$0.29							\$2.87	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A15SR014	1600H	AIR COMPRESSOR, 1,600 CFM, 150 PSI, TRAILER MTD (ADD HOSE)		D-Off	540	HP	D-Off	191		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$19.82	\$1.10	\$20.92	\$48.21	\$6.60	\$0.23	\$0.04	\$24.14	\$79.21	\$100.13
Standby	\$9.91	\$1.10							\$11.01	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A15 AIR COMPRESSORS

A15 0.10 ROTARY SCREW

SULLAIR CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A15SR015	900H	AIR COMPRESSOR, 900 CFM, 150 PSI, TRAILER MTD (ADD HOSE)		D-Off	300	HP	D-Off	120		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$14.50	\$0.80	\$15.30	\$26.78	\$3.66	\$0.15	\$0.03	\$17.66	\$48.28	\$63.58
Standby	\$7.25	\$0.80							\$8.05	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A15SR017	375	AIR COMPRESSOR, 375 CFM, 100 PSI, TRAILER MTD (ADD HOSE)		D-Off	117	HP	D-Off	44		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.51	\$0.25	\$4.76	\$10.45	\$1.43	\$0.08	\$0.01	\$5.50	\$17.47	\$22.23
Standby	\$2.26	\$0.25							\$2.51	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A15SR018	400HH	AIR COMPRESSOR, 400 CFM, 200 PSI, TRAILER MTD (ADD HOSE)		D-Off	157	HP	D-Off	60		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.33	\$0.30	\$5.63	\$14.02	\$1.92	\$0.08	\$0.01	\$6.49	\$22.52	\$28.15
Standby	\$2.67	\$0.30							\$2.97	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A15 AIR COMPRESSORS

A15 0.10 ROTARY SCREW

SULLAIR CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A15SR019	E900H	AIR COMPRESSOR, 900 CFM, 150 PSI, TRAILER (ELECTRIC) MTD (ADD HOSE) REQUIRES 200KW, 460V, 3P POWER SOURCE		Elec	214	HP	D-Off	118		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.49	\$0.47	\$8.96	\$23.11	\$12.68	\$0.18	\$0.03	\$10.35	\$46.35	\$55.31
Standby	\$4.25	\$0.47							\$4.72	

A15 0.20 SHOP TYPE

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A15XX041	22	AIR COMPRESSOR, 22 CFM, 80 GAL (ADD HOSE)		Elec	7.5	HP	D-Off	7		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.16	\$0.01	\$0.17	\$0.81	\$0.44	\$0.00	\$0.00	\$0.16	\$1.41	\$1.58
Standby	\$0.08	\$0.01							\$0.09	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A15 AIR COMPRESSORS

A15 0.20 SHOP TYPE

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A15XX042	26	AIR COMPRESSOR, 26 CFM, 80 GAL (ADD HOSE)		Elec	7.5	HP	D-Off	10		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.20	\$0.01	\$0.21	\$0.81	\$0.44	\$0.00	\$0.00	\$0.20	\$1.45	\$1.66
Standby	\$0.10	\$0.01							\$0.11	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A15XX043	40	AIR COMPRESSOR, 40 CFM, 120 GAL (ADD HOSE)		Elec	10	HP	D-Off	10		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.21	\$0.01	\$0.22	\$1.08	\$0.59	\$0.00	\$0.00	\$0.21	\$1.88	\$2.10
Standby	\$0.11	\$0.01							\$0.12	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A15XX044	47	AIR COMPRESSOR, 47 CFM, 120 GAL (ADD HOSE)		Elec	15	HP	D-Off	10		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.71	\$0.04	\$0.75	\$1.62	\$0.89	\$0.00	\$0.00	\$0.71	\$3.22	\$3.97
Standby	\$0.36	\$0.04							\$0.40	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A15 AIR COMPRESSORS

A15 0.20 SHOP TYPE

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A15XX045	98	AIR COMPRESSOR, 98 CFM, 120 GAL (ADD HOSE)		Elec	25	HP	D-Off	16		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.90	\$0.05	\$0.95	\$2.70	\$1.48	\$0.00	\$0.00	\$0.89	\$5.07	\$6.02
Standby	\$0.45	\$0.05							\$0.50	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A15XX046	117	AIR COMPRESSOR, 117 CFM, 120 GAL (ADD HOSE)		Elec	30	HP	D-Off	16		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.98	\$0.06	\$1.04	\$3.24	\$1.78	\$0.00	\$0.00	\$0.97	\$5.99	\$7.03
Standby	\$0.49	\$0.06							\$0.55	

* - Adjustable Elements

Region: 1
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Hourly Equipment Ownership and Operating Expense

A20 AIR HOSE, TOOLS & EQUIPMENT

A20 0.10 AIR DRILL HOSE

NO SPECIFIC MANUFACTURER

						Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description				12/1/2017	Main	Carrier	CWT	
A20XX001	3618-0011	AIR HOSE, 0.75", 50', AIR DRILL 500					D-Off	D-Off	1	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.23	\$0.00	\$0.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.47	\$0.47	\$0.70
Standby	\$0.12	\$0.00							\$0.12	

						Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description				12/1/2017	Main	Carrier	CWT	
A20XX002	3618-0021	AIR HOSE, 1.00", 100', AIR DRILL 500					D-Off	D-Off	1	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.52	\$0.01	\$0.53	\$0.00	\$0.00	\$0.00	\$0.00	\$1.07	\$1.07	\$1.60
Standby	\$0.26	\$0.01							\$0.27	

						Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description				12/1/2017	Main	Carrier	CWT	
A20XX003	3618-0031	AIR HOSE, 1.25", 100', AIR DRILL 500					D-Off	D-Off	1	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.65	\$0.01	\$0.66	\$0.00	\$0.00	\$0.00	\$0.00	\$1.32	\$1.32	\$1.98
Standby	\$0.33	\$0.01							\$0.34	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A20 AIR HOSE, TOOLS & EQUIPMENT

A20 0.10 AIR DRILL HOSE

NO SPECIFIC MANUFACTURER

						Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description				12/1/2017	Main	Carrier	CWT	
A20XX004	3618-0041	AIR HOSE, 1.50", 100', AIR DRILL 500					D-Off	D-Off	1	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.84	\$0.01	\$0.85	\$0.00	\$0.00	\$0.00	\$0.00	\$1.73	\$1.73	\$2.58
Standby	\$0.42	\$0.01							\$0.43	

						Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description				12/1/2017	Main	Carrier	CWT	
A20XX005	3618-0051	AIR HOSE, 2.00", 100', AIR DRILL 500					D-Off	D-Off	1	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.19	\$0.02	\$1.21	\$0.00	\$0.00	\$0.00	\$0.00	\$2.44	\$2.44	\$3.65
Standby	\$0.60	\$0.02							\$0.62	

						Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description				12/1/2017	Main	Carrier	CWT	
A20XX006	3618-0205	AIR HOSE, 2.50", 100', AIR DRILL 500					D-Off	D-Off	3	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.46	\$0.03	\$1.49	\$0.00	\$0.00	\$0.00	\$0.00	\$3.00	\$3.00	\$4.49
Standby	\$0.73	\$0.03							\$0.76	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A20 AIR HOSE, TOOLS & EQUIPMENT

A20 0.10 AIR DRILL HOSE

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
A20XX007	3618-0215	AIR HOSE, 3.00", 100', AIR DRILL 500		D-Off	D-Off	4				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.78	\$0.03	\$1.81	\$0.00	\$0.00	\$0.00	\$0.00	\$3.64	\$3.64	\$5.45
Standby	\$0.89	\$0.03							\$0.92	

A20 0.20 SANDBLAST HOSE

CLEMCO INDUSTRIES CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
A20CM017	24750	SANDBLAST HOSE, 0.75"ID, 100' LONG, USE AS SAND BLASTING ACCESSORY, 4 PLY		D-Off	D-Off	1				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.20	\$0.00	\$0.20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.45	\$0.45	\$0.65
Standby	\$0.10	\$0.00							\$0.10	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A20 AIR HOSE, TOOLS & EQUIPMENT

A20 0.20 SANDBLAST HOSE

CLEMCO INDUSTRIES CORPORATION

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
A20CM018	23448	SANDBLAST HOSE, 1.00"ID, 50' LONG, USE AS SAND BLASTING ACCESSORY, 4 PLY					D-Off		D-Off	1	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$0.10	\$0.00	\$0.10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.23	\$0.23	\$0.33	
Standby	\$0.05	\$0.00							\$0.05		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
A20CM019	23453	SANDBLAST HOSE, 1.50"ID, 100' LONG USE AS SAND BLASTING ACCESSORY, 4 PLY					D-Off		D-Off	1	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$0.27	\$0.00	\$0.27	\$0.00	\$0.00	\$0.00	\$0.00	\$0.60	\$0.60	\$0.87	
Standby	\$0.14	\$0.00							\$0.14		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
A20CM020	23451	SANDBLAST HOSE, 1.25"ID, 100' LONG USE AS SAND BLASTING ACCESSORY, 4 PLY					D-Off		D-Off	1	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$0.21	\$0.00	\$0.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.48	\$0.48	\$0.69	
Standby	\$0.11	\$0.00							\$0.11		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A20 AIR HOSE, TOOLS & EQUIPMENT

A20 0.30 SANDBLASTERS, BREAKERS, & MISC. AI

BLAST ONE

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A20B1001	725 CF HOPPER	SANDBLAST ABBRASIVE STORAGE HOPPER, 725 CF, 8' X 10' X 8' BOX WITH 9' DRIVE THROUGH CLEARANCE		D-Off		D-Off		60		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.87	\$0.11	\$3.98	\$0.00	\$0.00	\$0.00	\$0.00	\$8.37	\$8.37	\$12.35
Standby	\$1.94	\$0.11							\$2.05	

CHICAGO PNEUMATIC TOOL CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A20CK001	CP-0014RR	ROTARY / CHIP HAMMER, 15 LB, AIR (ADD 30 CFM COMPRESSOR & BIT COSTS)		Air	30	CFM	D-Off	1		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.28	\$0.01	\$0.29	\$0.00	\$0.12	\$0.00	\$0.00	\$0.60	\$0.72	\$1.01
Standby	\$0.14	\$0.01							\$0.15	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A20 AIR HOSE, TOOLS & EQUIPMENT

A20 0.30 SANDBLASTERS, BREAKERS, & MISC. AI

CHICAGO PNEUMATIC TOOL CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A20CK002	CP-0009A	ROTARY / CHIP HAMMER, 8 LB, AIR (ADD 30 CFM COMPRESSOR & BIT COSTS)		Air	30	CFM	D-Off	1		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.17	\$0.00	\$0.17	\$0.00	\$0.10	\$0.00	\$0.00	\$0.37	\$0.47	\$0.64
Standby	\$0.09	\$0.00							\$0.09	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A20CK003	CP-0022	ROCK DRILL, 30 LB, AIR (ADD 50 CFM COMPRESSOR & BIT COSTS)		Air	50	CFM	D-Off	1		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.25	\$0.01	\$0.26	\$0.00	\$0.17	\$0.00	\$0.00	\$0.53	\$0.70	\$0.96
Standby	\$0.13	\$0.01							\$0.14	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A20CK005	CP-0069	ROCK DRILL, 55 LB, AIR (ADD 140 CFM COMPRESSOR & BIT COSTS)		Air	140	CFM	D-Off	1		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.42	\$0.01	\$0.43	\$0.00	\$0.19	\$0.00	\$0.00	\$0.90	\$1.09	\$1.52
Standby	\$0.21	\$0.01							\$0.22	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A20 AIR HOSE, TOOLS & EQUIPMENT

A20 0.30 SANDBLASTERS, BREAKERS, & MISC. AI

CHICAGO PNEUMATIC TOOL CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A20CK006	CP-0111-CHLA	BREAKER-FOUR BOLT, 25 LB (ADD 50 CFM COMPRESSOR & BIT COSTS)		Air	50	CFM	D-Off	1		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.22	\$0.01	\$0.23	\$0.00	\$0.15	\$0.00	\$0.00	\$0.48	\$0.63	\$0.86
Standby	\$0.11	\$0.01							\$0.12	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A20CK008	CP-1260-S	BREAKER-FOUR BOLT, 60 LB (ADD 65 CFM COMPRESSOR & BIT COSTS)		Air	65	CFM	D-Off	1		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.23	\$0.01	\$0.24	\$0.00	\$0.20	\$0.00	\$0.00	\$0.49	\$0.69	\$0.93
Standby	\$0.12	\$0.01							\$0.13	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A20CK010	CP-1290-S	BREAKER-FOUR BOLT, 90 LB (ADD 90 CFM COMPRESSOR & BIT COSTS)		Air	90	CFM	D-Off	1		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.24	\$0.01	\$0.25	\$0.00	\$0.25	\$0.00	\$0.00	\$0.53	\$0.78	\$1.03
Standby	\$0.12	\$0.01							\$0.13	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A20 AIR HOSE, TOOLS & EQUIPMENT

A20 0.30 SANDBLASTERS, BREAKERS, & MISC. AI

CLEMCO INDUSTRIES CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A20CM010	21547	SANDBLASTER, 2 CF CAP, W/0.50" D X 25'L HOSE, INCLUDES ALL PPE AND FITTINGS (ADD 100 CFM COMPRESSOR & NOZZLE COST)		Air	100	CFM	D-Off	4		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.74	\$0.02	\$0.76	\$0.00	\$0.06	\$0.00	\$0.00	\$1.60	\$1.66	\$2.42
Standby	\$0.37	\$0.02							\$0.39	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A20CM011	21548	SANDBLASTER, 4 CF CAP, W/1.00"D X 25'L HOSE, INCLUDES ALL PPE AND FITTINGS (ADD 170 CFM COMPRESSOR)		Air	170	CFM	D-Off	5		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.90	\$0.03	\$0.93	\$0.00	\$0.06	\$0.00	\$0.00	\$1.95	\$2.01	\$2.94
Standby	\$0.45	\$0.03							\$0.48	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A20 AIR HOSE, TOOLS & EQUIPMENT

A20 0.30 SANDBLASTERS, BREAKERS, & MISC. AI

CLEMCO INDUSTRIES CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A20CM012	21549	SANDBLASTER, 6 CF CAP, W/1.25"D X 25'L HOSE, INCLUDES ALL PPE AND FITTINGS (ADD 200 CFM COMPRESSOR)		Air	200	CFM	D-Off	6		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.94	\$0.03	\$0.97	\$0.00	\$0.13	\$0.00	\$0.00	\$2.03	\$2.16	\$3.13
Standby	\$0.47	\$0.03							\$0.50	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A20CM013	25815	SANDBLASTER, 60 CF CAP, W/1.25"D X 100'L HOSE (ADD 450 CFM COMPRESSOR)		Air	450	CFM	D-Off	30		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.28	\$0.13	\$4.41	\$0.00	\$0.28	\$0.13	\$0.02	\$9.30	\$9.73	\$14.14
Standby	\$2.14	\$0.13							\$2.27	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A20 AIR HOSE, TOOLS & EQUIPMENT

A20 0.30 SANDBLASTERS, BREAKERS, & MISC. AI

CLEMCO INDUSTRIES CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A20CM014	25744	SANDBLASTER, 120 CF CAP, W/1.25"D X 50'L HOSE (ADD 700 CFM COMPRESSOR & NOZZLE COST)		Air	700	CFM	D-Off	35		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.89	\$0.15	\$5.04	\$0.00	\$0.41	\$0.13	\$0.02	\$10.61	\$11.17	\$16.21
Standby	\$2.45	\$0.15							\$2.60	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A20CM015	25741	SANDBLASTER, 160 CF CAP, W/1.25"D X 50'L HOSE (ADD 900 CFM COMPRESSOR & NOZZLE COST)		Air	900	CFM	D-Off	45		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.82	\$0.17	\$5.99	\$0.00	\$0.50	\$0.13	\$0.02	\$12.61	\$13.26	\$19.25
Standby	\$2.91	\$0.17							\$3.08	

* - Adjustable Elements

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Hourly Equipment Ownership and Operating Expense

A20 AIR HOSE, TOOLS & EQUIPMENT

A20 0.30 SANDBLASTERS, BREAKERS, & MISC. AI

CLEMCO INDUSTRIES CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A20CM021	FLEX 2448	SANDBLASTER, WETBLAST, 6CF CAP BLAST MEDIA, 120 GAL H2O CAP, W/1.25"D X 50"L HOSE INCLUDES ALL REQ PPE AND FITTINGS (ADD 200 CFM COMPRESSOR)		D-Off		D-Off		16		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.45	\$0.07	\$2.52	\$0.00	\$0.00	\$0.00	\$0.00	\$5.30	\$5.30	\$7.82
Standby	\$1.23	\$0.07							\$1.30	

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A20XX021	35LB BREAKER	PAVEMENT BREAKER, 35 LB, HAND HELD (ADD 100 CFM COMPRESSOR & BIT COSTS)		Air	100	CFM	D-Off	1		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.22	\$0.01	\$0.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.48	\$0.48	\$0.71
Standby	\$0.11	\$0.01							\$0.12	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A20 AIR HOSE, TOOLS & EQUIPMENT

A20 0.30 SANDBLASTERS, BREAKERS, & MISC. AI

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A20XX022	45LB BREAKER	PAVEMENT BREAKER, 45 LB, HAND HELD (ADD 100 CFM COMPRESSOR & BIT COSTS)		Air	100	CFM	D-Off	1		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.24	\$0.01	\$0.25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.53	\$0.53	\$0.78
Standby	\$0.12	\$0.01							\$0.13	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A20XX023	60LB BREAKER	PAVEMENT BREAKER, 60 LB, HAND HELD (ADD 100 CFM COMPRESSOR & BIT COSTS)		Air	100	CFM	D-Off	1		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.26	\$0.01	\$0.27	\$0.00	\$0.00	\$0.00	\$0.00	\$0.57	\$0.57	\$0.84
Standby	\$0.13	\$0.01							\$0.14	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A20XX024	90LB BREAKER	PAVEMENT BREAKER, 90 LB, HAND HELD (ADD 100 CFM COMPRESSOR & BIT COSTS)		Air	100	CFM	D-Off	1		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.26	\$0.01	\$0.27	\$0.00	\$0.00	\$0.00	\$0.00	\$0.56	\$0.56	\$0.83
Standby	\$0.13	\$0.01							\$0.14	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A20 AIR HOSE, TOOLS & EQUIPMENT

A20 0.30 SANDBLASTERS, BREAKERS, & MISC. AI

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A20XX025	60LB DRILL	ROCK DRILL, DRY, 60 LB, HAND HELD (ADD 100 CFM COMPRESSOR & BIT COSTS)		Air	100	CFM	D-Off	1		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.42	\$0.01	\$0.43	\$0.00	\$0.00	\$0.00	\$0.00	\$0.91	\$0.91	\$1.34
Standby	\$0.21	\$0.01							\$0.22	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A20XX026	37 LBS	BACKFILL TAMPER, 35-40 LB, HAND HELD (ADD 100 CFM COMPRESSOR)		Air	100	CFM	D-Off	1		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.22	\$0.01	\$0.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.48	\$0.48	\$0.71
Standby	\$0.11	\$0.01							\$0.12	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A25 ASPHALT PAVING DISTRIBUTORS

A25 0.00 ASPHALT PAVING DISTRIBUTORS

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A25XX002	2000G	ASPHALT DISTRIBUTOR, 2000 GAL, 400 GPM, TRUCK MTD (INCLUDES 32,000 GVW TRUCK)		D-On	270	HP	D-Off	150		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$25.23	\$0.76	\$25.99	\$25.03	\$3.43	\$0.86	\$0.15	\$30.94	\$60.40	\$86.39
Standby	\$12.62	\$0.76							\$13.38	

ROSCO, A LeeBoy COMPANY

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A25RS006	MAXIMIZER 3B	ASPHALT DISTRIBUTOR, 2,500 GAL, 400 GPM, TRUCK MTD (ADD 32,000 GVW TRUCK)		D-Off		D-Off		70		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$15.00	\$0.44	\$15.44	\$0.00	\$1.16	\$0.00	\$0.00	\$18.34	\$19.50	\$34.94
Standby	\$7.50	\$0.44							\$7.94	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A25RS008	MAXIMIZER 3B	ASPHALT DISTRIBUTOR, 3,150 GAL, 400 GPM, TRUCK MTD (ADD 42,000 GVW TRUCK)		D-Off		D-Off		97		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$16.00	\$0.47	\$16.47	\$0.00	\$1.80	\$0.00	\$0.00	\$19.58	\$21.38	\$37.85
Standby	\$8.00	\$0.47							\$8.47	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A25 ASPHALT PAVING DISTRIBUTORS

A250.00 ASPHALT PAVING DISTRIBUTORS

A30 ASPHALT PAVERS & MISCELLANEOUS ROAD EQUIPMENT

A300.10 SELF PROPELLED

BOMAG

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A30BO001	CR352	ASPHALT PAVER, 20' MAX PAVING WIDTH, 12" MAX PAVING DEPTH, 458 FT/MIN MAX PAVING SPEED, WHEEL, 165 CF HOPPER		D-Off	160	HP	D-Off	319		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$50.94	\$2.13	\$53.07	\$13.49	\$1.85	\$1.67	\$0.29	\$77.81	\$95.10	\$148.17
Standby	\$25.47	\$2.13							\$27.60	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A30BO002	CR362	ASPHALT PAVER, 20' MAX PAVING WIDTH, 12" MAX PAVING DEPTH, 250 FT/MIN MAX PAVING SPEED, CRAWLER, 165 CF HOPPER		D-Off	160	HP	D-Off	346		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$52.60	\$2.16	\$54.76	\$13.49	\$1.85	\$0.00	\$0.00	\$80.15	\$95.48	\$150.24
Standby	\$26.30	\$2.16							\$28.46	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A30 ASPHALT PAVERS & MISCELLANEOUS ROAD EQUIPMENT

A30 0.10 SELF PROPELLED

BOMAG

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A30BO003	CR452	ASPHALT PAVER, 28' MAX PAVING WIDTH, 12" MAX PAVING DEPTH, 305 FT/MIN MAX PAVING SPEED, WHEEL, 219 CF HOPPER		D-Off	220	HP	D-Off	385		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$57.50	\$2.44	\$59.94	\$18.55	\$2.54	\$4.96	\$0.86	\$88.05	\$114.95	\$174.89
Standby	\$28.75	\$2.44							\$31.19	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A30BO004	CR462	ASPHALT PAVER, 28' MAX PAVING WIDTH, 12" MAX PAVING DEPTH, 242 FT/MIN MAX PAVING SPEED, CRAWLER, 219 CF HOPPER		D-Off	225	HP	D-Off	426		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$63.99	\$2.63	\$66.62	\$18.97	\$2.60	\$0.00	\$0.00	\$97.50	\$119.07	\$185.69
Standby	\$32.00	\$2.63							\$34.63	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A30 ASPHALT PAVERS & MISCELLANEOUS ROAD EQUIPMENT

A30 0.10 SELF PROPELLED

BOMAG

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A30BO005	CR552	ASPHALT PAVER, 30' MAX PAVING WIDTH, 12" MAX PAVING DEPTH, 313 FT/MIN MAX PAVING SPEED, WHEEL, 267 CF HOPPER		D-Off	260	HP	D-Off	414		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$60.05	\$2.50	\$62.55	\$21.92	\$3.00	\$1.49	\$0.26	\$91.69	\$118.36	\$180.91
Standby	\$30.03	\$2.50							\$32.53	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A30BO006	CR562	ASPHALT PAVER, 30' MAX PAVING WIDTH, 12" MAX PAVING DEPTH, 242 FT/MIN MAX PAVING SPEED, CRAWLER, 267 CF HOPPER		D-Off	260	HP	D-Off	444		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$64.98	\$2.67	\$67.65	\$21.92	\$3.00	\$0.00	\$0.00	\$99.01	\$123.93	\$191.58
Standby	\$32.49	\$2.67							\$35.16	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A30 ASPHALT PAVERS & MISCELLANEOUS ROAD EQUIPMENT

A30 0.10 SELF PROPELLED

BOMAG

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
A30BO007	CR652RX	ASPHALT PAVER, 30' MAX PAVING WIDTH, 12" MAX PAVING DEPTH, 426 FT/MIN MAX PAVING SPEED, WHEEL, 267 CF HOPPER		D-Off	260	HP	D-Off		441	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$74.41	\$3.09	\$77.50	\$21.92	\$3.00	\$1.49	\$0.26	\$113.57	\$140.23	\$217.73
Standby	\$37.21	\$3.09							\$40.30	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
A30BO008	CR662RM	ASPHALT PAVER, 30' MAX PAVING WIDTH, 12" MAX PAVING DEPTH, 225 FT/MIN MAX PAVING SPEED, WHEEL, 267 CF HOPPER		D-Off	260	HP	D-Off		441	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$96.09	\$3.98	\$100.07	\$21.92	\$3.00	\$1.37	\$0.24	\$146.57	\$173.10	\$273.17
Standby	\$48.05	\$3.98							\$52.03	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A30 ASPHALT PAVERS & MISCELLANEOUS ROAD EQUIPMENT

A30 0.10 SELF PROPELLED

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A30CA001	AP500F	ASPHALT PAVER, UP TO 21.3' PAVING WIDTH, WHEEL, 237 CF HOPPER, UP TO 82 FPM PAVE SPEED		D-Off	142	HP	D-Off	359		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$42.66	\$1.77	\$44.43	\$11.97	\$1.64	\$1.42	\$0.24	\$65.10	\$80.37	\$124.80
Standby	\$21.33	\$1.77							\$23.10	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A30CA002	AP-600F	ASPHALT PAVER, UP TO 21' 4" WIDTH, PAVEMASTER SCREED, WHEEL, 250 CF HOPPER, UP TO 82 FPM PAVE SPEED		D-Off	173	HP	D-Off	371		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$45.69	\$1.92	\$47.61	\$14.59	\$2.00	\$2.68	\$0.46	\$69.84	\$89.56	\$137.17
Standby	\$22.85	\$1.92							\$24.77	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A30 ASPHALT PAVERS & MISCELLANEOUS ROAD EQUIPMENT

A30 0.10 SELF PROPELLED

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A30CA003	AP-555F	ASPHALT PAVER, UP TO 21.3' PAVING WIDTH, CRAWLER, 237 CF HOPPER, UP TO 82 FPM PAVE SPEED		D-Off	142	HP	D-Off	372		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$47.66	\$1.98	\$49.64	\$11.97	\$1.64	\$1.42	\$0.24	\$72.72	\$87.99	\$137.63
Standby	\$23.83	\$1.98							\$25.81	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A30CA004	AP255EQ	ASPHALT PAVER, 1.5' - 10' PAVING WIDTH, UP TO 8" PAVING THICKNESS, CRAWLER, 109 CF HOPPER		D-Off	46	HP	D-Off	99		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$15.23	\$0.63	\$15.86	\$3.88	\$0.53	\$0.00	\$0.00	\$23.21	\$27.62	\$43.48
Standby	\$7.62	\$0.63							\$8.25	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A30 ASPHALT PAVERS & MISCELLANEOUS ROAD EQUIPMENT

A30 0.10 SELF PROPELLED

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A30CA008	AP-1000F	ASPHALT PAVER, 10' - 19.5' WIDE PAVEMASTER SCREED, WHEEL, 267 CF HOPPER		D-Off	225	HP	D-Off	420		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$51.13	\$2.14	\$53.27	\$18.97	\$2.60	\$2.70	\$0.47	\$78.13	\$102.86	\$156.13
Standby	\$25.57	\$2.14							\$27.71	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A30CA013	AP-655F	ASPHALT PAVER, UP TO 21.3' PAVING WIDTH, CRAWLER, 250 CF HOPPER		D-Off	175	HP	D-Off	420		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$53.11	\$2.18	\$55.29	\$14.76	\$2.02	\$0.00	\$0.00	\$80.92	\$97.70	\$152.99
Standby	\$26.56	\$2.18							\$28.74	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A30CA016	AP-1055F	ASPHALT PAVER, UP TO 19.5' WIDE SCREED, CRAWLER, 267 CF HOPPER		D-Off	225	HP	D-Off	466		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$62.28	\$2.56	\$64.84	\$18.97	\$2.60	\$0.00	\$0.00	\$94.90	\$116.46	\$181.30
Standby	\$31.14	\$2.56							\$33.70	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A30 ASPHALT PAVERS & MISCELLANEOUS ROAD EQUIPMENT

A30 0.10 SELF PROPELLED

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A30CA024	AP300F	ASPHALT PAVER, 5.75' - 11.25' PAVING WIDTH, WHEEL, 135 CF HOPPER		D-Off	74	HP	D-Off	181		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$23.21	\$0.98	\$24.19	\$6.24	\$0.85	\$1.76	\$0.30	\$35.49	\$44.65	\$68.84
Standby	\$11.61	\$0.98							\$12.59	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A30CA025	AP355F	ASPHALT PAVER, 5.75'-11.2' PAVING WIDTH, CRAWLER, 135CF HOPPER		D-Off	74	HP	D-Off	193		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$25.32	\$1.04	\$26.36	\$6.24	\$0.85	\$0.00	\$0.00	\$38.58	\$45.67	\$72.03
Standby	\$12.66	\$1.04							\$13.70	

GEHL COMPANY

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A30GC002	1448	ASPHALT PAVER, 4'-12' WIDE SCREED, CRAWLER, 8,000 LB HOPPER CAPACITY		D-Off	36.2	HP	D-Off	78		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.83	\$0.20	\$5.03	\$3.05	\$0.42	\$0.00	\$0.00	\$7.36	\$10.83	\$15.86
Standby	\$2.42	\$0.20							\$2.62	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A30 ASPHALT PAVERS & MISCELLANEOUS ROAD EQUIPMENT

A30 0.10 SELF PROPELLED

GEHL COMPANY

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A30GC004	1648	ASPHALT PAVER, 4'-13' WIDE SCREED, CRAWLER, 12,000 LB HOPPER CAPACITY		D-Off	47.4	HP	D-Off	106		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.66	\$0.27	\$6.93	\$4.00	\$0.55	\$0.00	\$0.00	\$10.15	\$14.70	\$21.63
Standby	\$3.33	\$0.27							\$3.60	

LEE-BOY

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A30LD002	8816C	ASPHALT PAVER, 15' MAX PAVING WIDTH, 6" MAX DEPTH, CRAWLER, 9 TON HOPPER		D-Off	111	HP	D-Off	214		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$27.47	\$1.13	\$28.60	\$9.36	\$1.28	\$0.00	\$0.00	\$41.86	\$52.50	\$81.10
Standby	\$13.74	\$1.13							\$14.87	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A30LD003	8510E	ASPHALT PAVER, 10' MAX PAVING WIDTH, 6" MAX DEPTH, CRAWLER, 7.5 TON HOPPER		D-Off	74	HP	D-Off	177		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$22.11	\$0.91	\$23.02	\$6.24	\$0.85	\$0.00	\$0.00	\$33.69	\$40.79	\$63.81
Standby	\$11.06	\$0.91							\$11.97	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A30 ASPHALT PAVERS & MISCELLANEOUS ROAD EQUIPMENT

A30 0.10 SELF PROPELLED

LEE-BOY

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A30LD004	8500D	ASPHALT PAVER, 15' MAX PAVING WIDTH, 6" MAX DEPTH, CRAWLER, 7.5 TON HOPPER		D-Off	64	HP	D-Off	158		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$19.46	\$0.80	\$20.26	\$5.40	\$0.74	\$0.00	\$0.00	\$29.66	\$35.80	\$56.06
Standby	\$9.73	\$0.80							\$10.53	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A30LD005	7000C	ASPHALT PAVER, 13' MAX PAVING WIDTH, 6" MAX DEPTH, CRAWLER, 6 TON HOPPER		D-Off	64	HP	D-Off	130		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$15.16	\$0.62	\$15.78	\$5.40	\$0.74	\$0.00	\$0.00	\$23.09	\$29.23	\$45.01
Standby	\$7.58	\$0.62							\$8.20	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A30LD006	5300	ASPHALT PAVER, 7' MAX PAVING WIDTH, 6" MAX DEPTH, CRAWLER, 7 TON HOPPER		D-Off	64	HP	D-Off	127		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$18.93	\$0.78	\$19.71	\$5.40	\$0.74	\$0.00	\$0.00	\$28.84	\$34.98	\$54.69
Standby	\$9.47	\$0.78							\$10.25	

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

A30 ASPHALT PAVERS & MISCELLANEOUS ROAD EQUIPMENT

A30 0.10 SELF PROPELLED

LEE-BOY

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A30LD007	1000G	ASPHALT PAVER, 13' MAX PAVING WIDTH, 6" MAX DEPTH, CRAWLER, 5.5 TON HOPPER		D-Off	49	HP	D-Off	110		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$11.59	\$0.48	\$12.07	\$4.13	\$0.57	\$0.00	\$0.00	\$17.66	\$22.36	\$34.43
Standby	\$5.80	\$0.48							\$6.28	

MIDLAND MACHINERY CO

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A30MP001	SPD-8	ASPHALT PAVER, SHOULDER PAVING MACHINE, 1'-8' WIDE, BITUMINOUS & AGGREGATE, WHEEL, 80 CF HOPPER		D-Off	80	HP	D-Off	185		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$22.89	\$0.96	\$23.85	\$6.75	\$0.92	\$0.57	\$0.10	\$34.96	\$43.30	\$67.15
Standby	\$11.45	\$0.96							\$12.41	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A30 ASPHALT PAVERS & MISCELLANEOUS ROAD EQUIPMENT

A30 0.10 SELF PROPELLED

MIDLAND MACHINERY CO

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A30MP002	SPD-10	ASPHALT PAVER, SHOULDER PAVING MACHINE, 1'-10' WIDE, BITUMINOUS & AGGREGATE, WHEEL, 80 CF HOPPER		D-Off	100	HP	D-Off	275		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$24.18	\$1.01	\$25.19	\$8.43	\$1.15	\$0.71	\$0.12	\$36.95	\$47.37	\$72.56
Standby	\$12.09	\$1.01							\$13.10	

VOLVO CONSTRUCTION EQUIPMENT GROUP

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A30VO018	PF 7110B	ASPHALT PAVER/FINISHER, 10' WIDE SCREED, CRAWLER, 234 CF HOPPER		D-Off	235	HP	D-Off	498		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$51.50	\$2.12	\$53.62	\$19.82	\$2.71	\$0.00	\$0.00	\$78.48	\$101.01	\$154.63
Standby	\$25.75	\$2.12							\$27.87	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A30 ASPHALT PAVERS & MISCELLANEOUS ROAD EQUIPMENT

A30 0.10 SELF PROPELLED

VOLVO CONSTRUCTION EQUIPMENT GROUP

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A30VO023	PF 4410B	ASPHALT PAVER, 8' WIDE SCREED, CRAWLER, 207 CF HOPPER		D-Off	155	HP	D-Off	269		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$37.47	\$1.54	\$39.01	\$13.07	\$1.79	\$0.00	\$0.00	\$57.09	\$71.95	\$110.96
Standby	\$18.74	\$1.54							\$20.28	

A30 0.20 TOWED

J-PYOTT

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A30JP001	CONTRACT	CONTRACTOR GRADE ASPHALT DRAG BOX, 8' - OR GRADE 10' ADJUSTABLE WIDTH, 0" - 8" PAVING THICKNESS (ADD 10 - 14 CY DUMP TRUCK)		D-Off		D-Off		15		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.59	\$0.03	\$0.62	\$0.00	\$0.00	\$0.00	\$0.00	\$0.76	\$0.76	\$1.38
Standby	\$0.30	\$0.03							\$0.33	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A30 ASPHALT PAVERS & MISCELLANEOUS ROAD EQUIPMENT

A30 0.20 TOWED

J-PYOTT

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
A30JP002	MILITARY GRADE	MILITARY GRADE ASPHALT DRAG BOX, 7'-12' ADJUSTABLE WIDTH, 0"-8" PAVING THICKNESS (ADD 10-14 CY DUMP TRUCK)		D-Off	D-Off	20				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.99	\$0.11	\$2.10	\$0.00	\$0.00	\$0.00	\$0.00	\$2.58	\$2.58	\$4.68
Standby	\$1.00	\$0.11							\$1.11	

A30 0.30 SLURRY SEAL PAVERS (Cold mix)

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
A30XX001	MINIMAC	ASPHALT PAVER, SLURRY SEAL PAVER 8' WIDE, SELF PROPELLED, WHEEL, 80 CF HOPPER		D-Off	110 HP	D-Off	130			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$13.74	\$0.92	\$14.66	\$7.91	\$0.91	\$0.84	\$0.14	\$12.29	\$22.09	\$36.75
Standby	\$6.87	\$0.92							\$7.79	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A30 ASPHALT PAVERS & MISCELLANEOUS ROAD EQUIPMENT

A30 0.30 SLURRY SEAL PAVERS (Cold mix)

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A30XX002	MACROPAVER 12D	ASPHALT PAVER, SLURRY SEAL PAVER 8' WIDE, TRUCK MTD, 12 CF HOPPER (ADD 40,000 GVW TRUCK)		D-Off	115	HP	D-Off	175		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$18.42	\$1.20	\$19.62	\$8.27	\$0.95	\$0.00	\$0.00	\$16.40	\$25.62	\$45.24
Standby	\$9.21	\$1.20							\$10.41	

A30 0.40 MISCELLANEOUS ROAD EQUIPMENT

LEE-BOY

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A30LD001	3000C	ASPHALT FORCE FEED LOADER, 30" WIDE BELT, WINDROW OR LOOSE, WHEEL (ADD ASPHALT PAVER UNIT)		D-Off	130	HP	D-Off	198		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$20.36	\$1.15	\$21.51	\$9.99	\$1.37	\$1.48	\$0.26	\$26.48	\$39.58	\$61.09
Standby	\$10.18	\$1.15							\$11.33	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A30 ASPHALT PAVERS & MISCELLANEOUS ROAD EQUIPMENT

A30 0.40 MISCELLANEOUS ROAD EQUIPMENT

ROADTEC

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A30RT001	SB-1500	ASPHALT PAVER, ASPHALT MATERIAL TRANSFER VEHICLE, 15 TON HOPPER, 600 TPH, 65" WIDE CONVEYOR, WHEEL		D-Off	300	HP	D-Off	672		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$39.19	\$2.26	\$41.45	\$23.06	\$3.16	\$6.09	\$1.05	\$51.21	\$84.57	\$126.02
Standby	\$19.60	\$2.26							\$21.86	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A30RT007	SB-2500E	ASPHALT PAVER, ASPHALT MATERIAL TRANSFER VEHICLE, 25 TON HOPPER, 1000 TPH, 69" WIDE CONVEYOR, WHEEL		D-Off	300	HP	D-Off	780		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$42.35	\$2.38	\$44.73	\$23.06	\$3.16	\$2.83	\$0.49	\$55.06	\$84.59	\$129.32
Standby	\$21.18	\$2.38							\$23.56	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A30 ASPHALT PAVERS & MISCELLANEOUS ROAD EQUIPMENT

A30 0.40 MISCELLANEOUS ROAD EQUIPMENT

WEILER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A30WR001	E650B	ASPHALT PAVER, ASPHALT MATERIAL WINDROW ELEVATOR, 121" CONVEYOR WIDTH		D-Off	115	HP	D-Off	203		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$13.95	\$0.78	\$14.73	\$8.84	\$1.21	\$0.18	\$0.03	\$18.09	\$28.35	\$43.08
Standby	\$6.98	\$0.78							\$7.76	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A30WR002	E2850	ASPHALT PAVER, ASPHALT MATERIAL TRANSFER VEHICLE, 25 TON HOPPER, 600 TPH, 30" CONVEYOR WIDTH, WHEEL		D-Off	300	HP	D-Off	745		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$38.40	\$2.23	\$40.63	\$23.06	\$3.16	\$6.65	\$1.15	\$50.22	\$84.23	\$124.86
Standby	\$19.20	\$2.23							\$21.43	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A35 ASPHALT PAVING KETTLES

A35 0.00 ASPHALT PAVING KETTLES

LEE-BOY

							Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description					12/1/2017	Main			Carrier	CWT
A35LD001	L500T	ASPHALT/PAVEMENT KETTLE (TACK DISTRIBUTOR), 500 GAL, TRAILER MOUNTED W/ 8' SPRAY BAR AND CONTROLS, 6' WAND W/ 40' HOSE (ADD PROPANE COSTS FOR BURNER)						Gas	4.8	HP	D-Off	31
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$4.43	\$0.16	\$4.59	\$0.63	\$0.10	\$0.07	\$0.01	\$5.75	\$6.56	\$11.15		
Standby	\$2.22	\$0.16							\$2.38			

							Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description					12/1/2017	Main			Carrier	CWT
A35LD002	L250T	ASPHALT/PAVEMENT KETTLE (TACK DISTRIBUTOR), 250 GAL, TRAILER MOUNTED W/ 8' SPRAY BAR AND CONTROLS, 6' WAND W/ 40' HOSE (ADD PROPANE COSTS FOR BURNER)						Gas	4.8	HP	D-Off	22
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$3.98	\$0.14	\$4.12	\$0.63	\$0.10	\$0.03	\$0.01	\$5.16	\$5.93	\$10.05		
Standby	\$1.99	\$0.14							\$2.13			

* - Adjustable Elements

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Hourly Equipment Ownership and Operating Expense

A35 ASPHALT PAVING KETTLES

A35 0.00 ASPHALT PAVING KETTLES

LEE-BOY

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A35LD003	L150T	ASPHALT/PAVEMENT KETTLE (TACK DISTRIBUTOR), 150 GAL, TRAILER MOUNTED W/ 8' SPRAY BAR AND CONTROLS, 6' WAND W/ 40' HOSE (ADD PROPANE COSTS FOR BURNER)		Gas	4.8	HP	D-Off	16		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.69	\$0.13	\$3.82	\$0.63	\$0.10	\$0.03	\$0.01	\$4.79	\$5.56	\$9.38
Standby	\$1.85	\$0.13							\$1.98	

A40 ASPHALT & CONCRETE MILLERS / PROFILERS / PLANERS / ROTARY GRINDERS

A40 0.00 ASPHALT & CONCRETE MILLERS / PROFIL

BOMAG

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A40BO001	BM500-15	ASPHALT COLD PLANER, 19.7" MAX MILLING WIDTH, 8.3" MAX DEPTH, WHEEL (ADD CUTTING TEETH COSTS)		D-Off	143	HP	D-Off	150		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$42.77	\$1.50	\$44.27	\$15.96	\$2.18	\$0.28	\$0.05	\$69.31	\$87.79	\$132.06
Standby	\$21.39	\$1.50							\$22.89	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A40 ASPHALT & CONCRETE MILLERS / PROFILERS / PLANERS / ROTARY GRINDERS

A40 0.00 ASPHALT & CONCRETE MILLERS / PROFIL

BOMAG

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
A40BO002	BM600-15	ASPHALT COLD PLANER, 23.6" MAX MILLING WIDTH, 8.3" MAX DEPTH, WHEEL (ADD CUTTING TEETH COSTS)		D-Off	143	HP	D-Off		190	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$40.78	\$1.43	\$42.21	\$15.96	\$2.18	\$0.28	\$0.05	\$66.10	\$84.57	\$126.78
Standby	\$20.39	\$1.43							\$21.82	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
A40BO003	BM1000-30	ASPHALT COLD PLANER, 39.4" MAX MILLING WIDTH, 12.6" MAX DEPTH, CRAWLER (ADD CUTTING TEETH COSTS)		D-Off	280	HP	D-Off		416	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$65.18	\$2.28	\$67.46	\$31.25	\$4.28	\$0.00	\$0.00	\$105.52	\$141.05	\$208.51
Standby	\$32.59	\$2.28							\$34.87	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A40 ASPHALT & CONCRETE MILLERS / PROFILERS / PLANERS / ROTARY GRINDERS

A40 0.00 ASPHALT & CONCRETE MILLERS / PROFIL

BOMAG

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A40BO004	BM1200-30	ASPHALT COLD PLANER, 47.2" MAX MILLING WIDTH, 12.6" MAX DEPTH, CRAWLER (ADD CUTTING TEETH COSTS)		D-Off	280	HP	D-Off	423		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$66.46	\$2.32	\$68.78	\$31.25	\$4.28	\$0.00	\$0.00	\$107.60	\$143.12	\$211.90
Standby	\$33.23	\$2.32							\$35.55	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A40BO005	BM1300-30	ASPHALT COLD PLANER, 51.2" MAX MILLING WIDTH, 12.6" MAX DEPTH, CRAWLER (ADD CUTTING TEETH COSTS)		D-Off	280	HP	D-Off	426		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$71.42	\$2.50	\$73.92	\$31.25	\$4.28	\$0.00	\$0.00	\$115.63	\$151.15	\$225.07
Standby	\$35.71	\$2.50							\$38.21	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A40 ASPHALT & CONCRETE MILLERS / PROFILERS / PLANERS / ROTARY GRINDERS

A40 0.00 ASPHALT & CONCRETE MILLERS / PROFIL

BOMAG

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A40BO006	BM1000-35	ASPHALT COLD PLANER, 39.4" MAX MILLING WIDTH, 13" MAX DEPTH, CRAWLER (ADD CUTTING TEETH COSTS)		D-Off	350	HP	D-Off	430		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$76.78	\$2.68	\$79.46	\$39.06	\$5.35	\$0.00	\$0.00	\$124.30	\$168.70	\$248.16
Standby	\$38.39	\$2.68							\$41.07	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A40BO007	BM1200-35	ASPHALT COLD PLANER, 39.4" MAX MILLING WIDTH, 13" MAX DEPTH, CRAWLER (ADD CUTTING TEETH COSTS)		D-Off	350	HP	D-Off	450		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$91.08	\$3.18	\$94.26	\$39.06	\$5.35	\$0.00	\$0.00	\$147.45	\$191.85	\$286.11
Standby	\$45.54	\$3.18							\$48.72	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A40 ASPHALT & CONCRETE MILLERS / PROFILERS / PLANERS / ROTARY GRINDERS

A40 0.00 ASPHALT & CONCRETE MILLERS / PROFIL

BOMAG

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A40BO008	BM1300-35	ASPHALT COLD PLANER, 39.4" MAX MILLING WIDTH, 12.6" MAX DEPTH, CRAWLER (ADD CUTTING TEETH COSTS)		D-Off	350	HP	D-Off	440		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$91.09	\$3.18	\$94.27	\$39.06	\$5.35	\$0.00	\$0.00	\$147.46	\$191.87	\$286.14
Standby	\$45.55	\$3.18							\$48.73	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A40BO009	BM2000-75	ASPHALT COLD PLANER, 78.7" MAX MILLING WIDTH, 13.8" MAX DEPTH, CRAWLER (ADD CUTTING TEETH COSTS)		D-Off	771	HP	D-Off	508		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$140.58	\$4.91	\$145.49	\$86.04	\$11.77	\$0.00	\$0.00	\$227.59	\$325.41	\$470.90
Standby	\$70.29	\$4.91							\$75.20	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A40 ASPHALT & CONCRETE MILLERS / PROFILERS / PLANERS / ROTARY GRINDERS

A40 0.00 ASPHALT & CONCRETE MILLERS / PROFIL

BOMAG

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A40BO010	BM2200-75	ASPHALT COLD PLANER, 86.6" MAX MILLING WIDTH, 13.8" MAX DEPTH, CRAWLER (ADD CUTTING TEETH COSTS)		D-Off	771	HP	D-Off	508		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$145.97	\$5.10	\$151.07	\$86.04	\$11.77	\$0.00	\$0.00	\$236.31	\$334.12	\$485.19
Standby	\$72.99	\$5.10							\$78.09	

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A40CA008	PM-620	ASPHALT COLD PLANER, 80" MILL WIDTH X 13" D, CRAWLER (ADD CUTTING TEETH COSTS)		D-Off	630	HP	D-Off	647		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$97.26	\$3.40	\$100.66	\$70.31	\$9.62	\$0.00	\$0.00	\$157.45	\$237.38	\$338.04
Standby	\$48.63	\$3.40							\$52.03	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A40 ASPHALT & CONCRETE MILLERS / PROFILERS / PLANERS / ROTARY GRINDERS

A40 0.00 ASPHALT & CONCRETE MILLERS / PROFIL

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A40CA009	PM-622	ASPHALT COLD PLANER, 88" MILL WIDTH X 13" D, CRAWLER (ADD CUTTING TEETH COSTS)		D-Off	630	HP	D-Off	660		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$98.17	\$3.43	\$101.60	\$70.31	\$9.62	\$0.00	\$0.00	\$158.93	\$238.86	\$340.46
Standby	\$49.09	\$3.43							\$52.52	

ROADTEC

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A40RT008	RX-400E	ASPHALT COLD PLANER, 40" W X 10" D, WHEEL (ADD CUTTING TEETH COSTS)		D-Off	325	HP	D-Off	470		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$57.03	\$1.99	\$59.02	\$36.27	\$4.96	\$0.00	\$0.00	\$92.33	\$133.56	\$192.58
Standby	\$28.52	\$1.99							\$30.51	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A40RT009	RX-400E	ASPHALT COLD PLANER, 52" W X 8" D, CRAWLER (ADD CUTTING TEETH COSTS)		D-Off	325	HP	D-Off	470		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$57.03	\$1.99	\$59.02	\$36.27	\$4.96	\$0.00	\$0.00	\$92.33	\$133.56	\$192.58
Standby	\$28.52	\$1.99							\$30.51	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A40 ASPHALT & CONCRETE MILLERS / PROFILERS / PLANERS / ROTARY GRINDERS

A40 0.00 ASPHALT & CONCRETE MILLERS / PROFIL

ROADTEC

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A40RT010	RX-600E	ASPHALT COLD PLANER, 78" W X 12" D, CRAWLER (ADD CUTTING TEETH COSTS)		D-Off	620	HP	D-Off	592		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$71.19	\$2.49	\$73.68	\$69.19	\$9.47	\$0.00	\$0.00	\$115.26	\$193.92	\$267.60
Standby	\$35.60	\$2.49							\$38.09	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A40RT011	RX-700E	ASPHALT COLD PLANER, 98" W X 12" D, CRAWLER (ADD CUTTING TEETH COSTS)		D-Off	700	HP	D-Off	840		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$82.04	\$2.87	\$84.91	\$78.12	\$10.69	\$0.00	\$0.00	\$132.81	\$221.62	\$306.53
Standby	\$41.02	\$2.87							\$43.89	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
A40RT012	RX-900E	ASPHALT COLD PLANER, 150" W X 8" D, CRAWLER (ADD CUTTING TEETH COSTS)		D-Off	700	HP	D-Off	920		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$95.47	\$3.34	\$98.81	\$78.12	\$10.69	\$0.00	\$0.00	\$154.56	\$243.37	\$342.18
Standby	\$47.74	\$3.34							\$51.08	

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

A45 ASPHALT RECYCLERS & SEALERS

A45 0.00 ASPHALT RECYCLERS & SEALERS

ROSCO, A LeeBoy COMPANY

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier			CWT
A45RS002	RA-400	ASPHALT SPRAY PATCHER, 300 GAL, TELESCOPIC BOOM - 38' EXT, TRUCK MTD		D-Off	65	HP	D-On	245	HP	330
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$20.48	\$0.61	\$21.09	\$22.58	\$3.59	\$0.00	\$0.00	\$29.84	\$56.01	\$77.10
Standby	\$10.24	\$0.61							\$10.85	

SEALMASTER, INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier			CWT
A45SE003	SP300 DUAL	ASPHALT SEALCOATER, 320 GAL, 75 GPM, 108" WIDE DUAL SPRAY, SQUEEGEE, SELF PROPELLED		D-Off	30	HP	D-Off			38
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.34	\$0.25	\$8.59	\$2.31	\$2.32	\$0.08	\$0.01	\$12.18	\$16.90	\$25.49
Standby	\$4.17	\$0.25							\$4.42	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A45 ASPHALT RECYCLERS & SEALERS

A45 0.00 ASPHALT RECYCLERS & SEALERS

SEALMASTER, INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
A45SE004	TR-1000	ASPHALT SEALCOATER, 1000 GAL, 50 GPM, 88" WIDE SPRAY BAR, TRAILER MTD		Gas	13	HP	D-Off		52	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.21	\$0.16	\$5.37	\$1.72	\$0.77	\$0.18	\$0.03	\$7.66	\$10.37	\$15.74
Standby	\$2.61	\$0.16							\$2.77	

B10 BATCH PLANTS, ASPHALT & CONCRETE

B10 0.20 CONCRETE

CEMEN TECH

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
B10CC007	MCD3-50	BATCH PLANT, CONCRETE DISPENSER, 15 CY/HR MAX, W/TWO AGGREGATE BINS, 2 CY/ 1 CY CEMENT BIN/ 7' LONG SLOPING 8" DIA SCREW WET MIXER/DELIVERER/ 250 GAL WATER TANK/ & METERING PUMP, 2 CY LOAD, TRAILER MTD		Gas	18	HP	D-Off		80	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.97	\$0.36	\$8.33	\$2.38	\$3.37	\$0.21	\$0.04	\$12.95	\$18.95	\$27.28
Standby	\$3.99	\$0.36							\$4.35	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B10 BATCH PLANTS, ASPHALT & CONCRETE

B10 0.20 CONCRETE

CEMEN TECH

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
B10CC008	MCD5-100	BATCH PLANT, CONCRETE DISPENSER, 30 CY/HR MAX, W/TWO AGGREGATE BINS, 5.5 CY/ 1.9 CY CEMENT BIN/ 9' LONG SLOPING 9" DIA SCREW WET MIXER/DELIVERER/ 250 GAL WATER TANK/ & METERING PUMP, 5 CY LOAD, TRUCK MTD		Gas	163	HP	D-Off		132	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.87	\$0.34	\$7.21	\$21.54	\$6.87	\$1.64	\$0.28	\$11.36	\$41.69	\$48.90
Standby	\$3.44	\$0.34							\$3.78	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
B10CC009	MCD8-100	BATCH PLANT, CONCRETE DISPENSER, 30 CY/HR MAX, W/TWO AGGREGATE BINS, 9.3 CY/ 3.1 CY CEMENT BIN/ 9' LONG SLOPING 12" DIA SCREW WET MIXER/DELIVERER/ 250 GAL WATER TANK/ & METERING PUMP, 8 CY LOAD, TRUCK MTD		Gas	200	HP	D-Off		194	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.61	\$0.38	\$7.99	\$26.43	\$7.88	\$1.97	\$0.34	\$12.61	\$49.24	\$57.23
Standby	\$3.81	\$0.38							\$4.19	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B10 BATCH PLANTS, ASPHALT & CONCRETE

B10 0.20 CONCRETE

CEMEN TECH

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
B10CC010	MCD8-150	BATCH PLANT, CONCRETE DISPENSER, 60 CY/HR MAX, W/TWO AGGREGATE BINS, 9.6 CY/ 3.1 CY CEMENT BIN/ 9' LONG SLOPING 12" DIA SCREW WET MIXER/DELIVERER/ 250 GAL WATER TANK/ & METERING PUMP, 8 CY LOAD, TRUCK MTD		Gas	200	HP	D-Off		204	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.53	\$0.46	\$9.99	\$26.43	\$8.13	\$1.64	\$0.28	\$15.66	\$52.15	\$62.14
Standby	\$4.77	\$0.46							\$5.23	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
B10CC012	MT-200LP	BATCH PLANT, SILO, CEMENT, 800 CF, 200 BARREL (BATCH PLANT ATTACHMENT)		Gas	18	HP	D-Off		35	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.67	\$0.12	\$2.79	\$2.38	\$1.12	\$0.00	\$0.00	\$4.33	\$7.83	\$10.62
Standby	\$1.34	\$0.12							\$1.46	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B10 BATCH PLANTS, ASPHALT & CONCRETE

B10 0.20 CONCRETE

CEMEN TECH

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
B10CC013	MT-300LP	BATCH PLANT, SILO, CEMENT, 1,200 CF, 300 BARRL (BATCH PLANT ATTACHMENT)		Gas	18	HP	D-Off		48	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.53	\$0.16	\$3.69	\$2.38	\$1.17	\$0.00	\$0.00	\$5.72	\$9.27	\$12.96
Standby	\$1.77	\$0.16							\$1.93	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
B10CC015	CT270	BATCH PLANT, SILO, CEMENT, 50 TON, HORIZONTAL, 270 BARREL (BATCH PLANT ATTACHMENT)		Elec	16	HP	D-Off		85	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.64	\$0.15	\$2.79	\$1.50	\$1.82	\$1.07	\$0.19	\$4.46	\$9.04	\$11.83
Standby	\$1.32	\$0.15							\$1.47	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B10 BATCH PLANTS, ASPHALT & CONCRETE

B10 0.20 CONCRETE

CON-E-CO

			Value TEV	Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT	
B10CL006	LO-PRO 12	BATCH PLANT, CONCRETE AGGREGATE DRY, 275 CY/HR, W/TWO AGGREGATE BINS, 65 TON, 50 CY/ 36"X20' CONVEYOR/ 12 CY AGGREGATE BATCHER/ 36"X36' LOADING CONVEYOR/ & 215 BARREL, 35 TON CEMENT SILO, TRAILER MTD (ADD 140 KW GENERATOR)		Elec	120	HP	D-Off	426	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$29.14	\$1.36	\$30.50	\$11.23	\$8.16	\$1.84	\$0.32	\$47.49	\$69.04	\$99.54
Standby	\$14.57	\$1.36							\$15.93	

			Value TEV	Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT	
B10CL021	VERSA-PLANT 10	BATCH PLANT, CONCRETE AGGREGATE DRY, 40CY/HR, 10 CY AGGREGATE BATCHER, W/30" X 40' LOADING CONVEYOR, SCALES & WATER METER INCLUDED, TRAILER MTD (ADD 5 KW GENERATOR, WATER TANK & WET BATCHER)		Elec	35	HP	D-Off	190	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$11.22	\$0.53	\$11.75	\$3.28	\$1.80	\$1.24	\$0.21	\$18.37	\$24.90	\$36.65
Standby	\$5.61	\$0.53							\$6.14	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B10 BATCH PLANTS, ASPHALT & CONCRETE

B10 0.20 CONCRETE

CON-E-CO

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
B10CL025	MTM 12	BATCH PLANT, CONCRETE MIXER, 12 CY, TILT DRUM, 11.67' DIA, REMOVABLE AXLES, TRAILER MTD (ADD DRY BATCH PLANT)		Elec	200	HP	D-Off	130		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$58.67	\$2.65	\$61.32	\$18.72	\$10.27	\$0.25	\$0.04	\$95.03	\$124.32	\$185.64
Standby	\$29.34	\$2.65							\$31.99	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
B10CL027	SILO1910	BATCH PLANT, CEMENT SILO, 1,910 CF, 475 BARREL (BATCH PLANT ATTACHMENT)		D-Off		D-Off		144		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.20	\$0.23	\$5.43	\$0.00	\$0.00	\$0.00	\$0.00	\$8.42	\$8.42	\$13.85
Standby	\$2.60	\$0.23							\$2.83	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
B10CL032	SC12D-10	BATCH PLANT, SCREW CONVEYOR, 12" DIA, 10' LONG (CEMENT SILO ATTACHMENT)		Elec	10	HP	D-Off	10		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.59	\$0.03	\$0.62	\$0.94	\$0.52	\$0.00	\$0.00	\$0.95	\$2.41	\$3.03
Standby	\$0.30	\$0.03							\$0.33	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B10 BATCH PLANTS, ASPHALT & CONCRETE

B10 0.20 CONCRETE

CON-E-CO

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
B10CL034	SC12D-20	BATCH PLANT, SCREW CONVEYOR, 12" DIA, 20' LONG (CEMENT SILO ATTACHMENT)			Elec	20	HP	D-Off	20	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.45	\$0.07	\$1.52	\$1.87	\$1.03	\$0.00	\$0.00	\$2.36	\$5.25	\$6.77
Standby	\$0.73	\$0.07							\$0.80	

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
B10CL036	SC9D-10	BATCH PLANT, SCREW CONVEYOR, 9" DIA, 10' LONG (CEMENT SILO ATTACHMENT)			Elec	8	HP	D-Off	9	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.55	\$0.02	\$0.57	\$0.75	\$0.41	\$0.00	\$0.00	\$0.89	\$2.05	\$2.62
Standby	\$0.28	\$0.02							\$0.30	

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
B10CL040	SC9D-20	BATCH PLANT, SCREW CONVEYOR, 9" DIA, 20' LONG (CEMENT SILO ATTACHMENT)			Elec	20	HP	D-Off	16	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.76	\$0.03	\$0.79	\$1.87	\$1.03	\$0.00	\$0.00	\$1.22	\$4.12	\$4.91
Standby	\$0.38	\$0.03							\$0.41	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B10 BATCH PLANTS, ASPHALT & CONCRETE

B10 0.20 CONCRETE

CON-E-CO

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
B10CL042	SC6D-10	BATCH PLANT, SCREW CONVEYOR, 6" DIA, 10' LONG (CEMENT SILO ATTACHMENT)		Elec	5	HP	D-Off	5		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.50	\$0.02	\$0.52	\$0.47	\$0.26	\$0.00	\$0.00	\$0.80	\$1.53	\$2.05
Standby	\$0.25	\$0.02							\$0.27	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
B10CL045	SC6D-20	BATCH PLANT, SCREW CONVEYOR, 6" DIA, 20' LONG (CEMENT SILO ATTACHMENT)		Elec	10	HP	D-Off	11		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.67	\$0.03	\$0.70	\$0.94	\$0.52	\$0.00	\$0.00	\$1.09	\$2.54	\$3.24
Standby	\$0.34	\$0.03							\$0.37	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B10 BATCH PLANTS, ASPHALT & CONCRETE

B10 0.20 CONCRETE

EXCEL MACHINERY LTD.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
B10EM002	BELGRADE 350 BBL	BATCH PLANT, CEMENT SILO, 45 TON HORIZONTAL 350 BARREL (BATCH PLANT ATTACHMENT)		Elec	10	HP	D-Off		45	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.48	\$0.16	\$3.64	\$0.94	\$1.52	\$0.11	\$0.02	\$5.66	\$8.24	\$11.88
Standby	\$1.74	\$0.16							\$1.90	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
B10EM004	750 PORTABLE PUG MIX	BATCH PLANT, CONCRETE CONTINUOUS PUGG MILL MIXER, 5' X 10' TWIN SHAFT PUGMILL, TWO 7' 7" X 13' FEED BINS, 36" FEED CONVEYOR, WATER PUMP, TRAILER MTD (ADD 100 KW GENERATOR)		Elec	120	HP	D-Off		300	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$22.64	\$1.03	\$23.67	\$11.23	\$6.16	\$0.54	\$0.09	\$36.74	\$54.76	\$78.43
Standby	\$11.32	\$1.03							\$12.35	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B10 BATCH PLANTS, ASPHALT & CONCRETE

B10 0.20 CONCRETE

JOHNSON-ROSS (TEREX ROADBUILDING)

			Value TEV	Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT
B10RC007	BANDIT 5	BATCH PLANT, CONCRETE AGGREGATE DRY, 100 CY/HR, W/TWO AGGREGATE BINS, 65 TON, 48 CY/ 36" X 20' CONVEYOR/ 2 BIN 5 CY BATCHER/ 30" X 33.5' LOADING CONVEYOR/ & 257 BARREL, 48 TON CEMENT SILO, TRAILER MTD (ADD 100 KW GENERATOR)		Elec	15	HP	D-Off		3000

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$31.70	\$1.44	\$33.14	\$1.40	\$3.27	\$0.54	\$0.09	\$51.41	\$56.71	\$89.85
Standby	\$15.85	\$1.44							\$17.29	

			Value TEV	Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT
B10RC008	BANDIT 12	BATCH PLANT, CONCRETE AGGREGATE DRY, 200 CY/HR, W/THREE AGGREGATE BINS, 65 TON, 48 CY/ 36" X 20' CONVEYOR/ 3 BIN 12 CY BATCHER/ 30" X 33.5' LOADING CONVEYOR/ & 720 BARREL, 134 TON CEMENT SILO, TRAILER MTD (ADD 100 KW GENERATOR)		Elec	30	HP	D-Off		250

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$25.52	\$1.18	\$26.70	\$2.81	\$4.04	\$1.41	\$0.24	\$41.55	\$50.05	\$76.75
Standby	\$12.76	\$1.18							\$13.94	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B10 BATCH PLANTS, ASPHALT & CONCRETE

B10 0.20 CONCRETE

JOHNSON-ROSS (TEREX ROADBUILDING)

			Value TEV	Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT
B10RC032	RUSTLER 12	BATCH PLANT, CONCRETE AGGREGATE DRY, 160 CY/HR, W/TWO AGGREGATE BINS, 28 TON, 21 CY/ 2 BIN 12 CY BATCHER/ 30" X 33.5' LOADING CONVEYOR/ & 400 BARREL, 75 TON CEMENT SILO, TRAILER MTD (ADD 130 KW GENERATOR)		Elec	50	HP	D-Off		536

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$30.11	\$1.40	\$31.51	\$4.68	\$7.07	\$1.87	\$0.32	\$49.06	\$63.00	\$94.51
Standby	\$15.06	\$1.40							\$16.46	

STEPHENS MANUFACTURING CO., INC.

			Value TEV	Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT
B10SN031	DC-12	BATCH PLANT, CONCRETE AGGREGATE DRY, 100 CY/HR, W/2 BIN 12 CY BATCHER/ 24" X 41' LOADING CONVEYOR/ & 311 BARREL, 58 TON CEMENT SILO, TRAILER MTD (ADD 100 KW GENERATOR)		Elec	25	HP	D-Off		340

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$19.37	\$0.92	\$20.29	\$2.34	\$2.63	\$2.06	\$0.36	\$31.71	\$39.10	\$59.39
Standby	\$9.69	\$0.92							\$10.61	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B10 BATCH PLANTS, ASPHALT & CONCRETE

B10 0.20 CONCRETE

STEPHENS MANUFACTURING CO., INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
B10SN032	MUSTANG	BATCH PLANT, CONCRETE AGGREGATE DRY, 150 CY/HR, W/3 AGGREGATE STORAGE BINS, 70 TON, 14 CY BATCHER, 30" X 33.5' LOADING CONVEYOR, TRAILER MTD (ADD 115 KW GENERATOR)		Elec	45	HP	D-Off		420	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$21.96	\$1.04	\$23.00	\$4.21	\$4.06	\$1.94	\$0.34	\$35.89	\$46.44	\$69.44
Standby	\$10.98	\$1.04							\$12.02	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
B10SN033	DC COLT	BATCH PLANT, CONCRETE AGGREGATE DRY, 100 CY/HR, W/2 BIN 12 CY BATCHER/ 30" X 33.5' LOADING CONVEYOR/ & 311 BARREL, 58 TON CEMENT SILO, TRAILER MTD (ADD 100 KW GENERATOR)		Elec	30	HP	D-Off		340	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$19.49	\$0.92	\$20.41	\$2.81	\$3.04	\$1.83	\$0.32	\$31.86	\$39.85	\$60.26
Standby	\$9.75	\$0.92							\$10.67	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B10 BATCH PLANTS, ASPHALT & CONCRETE

B10 0.20 CONCRETE

STEPHENS MANUFACTURING CO., INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
B10SN034	STALLION	BATCH PLANT, CONCRETE AGGREGATE DRY, 160 CY/HR, W/3 AGGREGATE BIN STORAGE, 70 TON, 48 CY/ 2 BIN 10 CY BATCHER/ 30" X 33.5' LOADING CONVEYOR/ & 374 BARREL, 70 TON CEMENT SILO, TRAILER MTD (ADD 100 KW GENERATOR)		Elec	20	HP	D-Off		360	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$20.46	\$0.97	\$21.43	\$1.87	\$2.53	\$1.94	\$0.34	\$33.45	\$40.13	\$61.56
Standby	\$10.23	\$0.97							\$11.20	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
B10SN035	THOROUGH -BRED	BATCH PLANT, CONCRETE AGGREGATE DRY, 180 CY/HR, W/4 AGGREGATE BIN STORAGE, 65 TON, 48 CY/ 2 BIN 12 CY BATCHER/ 30" X 33.5' LOADING CONVEYOR/ & 374 BARREL, 70 TON CEMENT SILO, TRAILER MTD (ADD 100 KW GENERATOR)		Elec	30	HP	D-Off		300	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$21.42	\$1.01	\$22.43	\$2.81	\$3.19	\$1.94	\$0.34	\$35.00	\$43.28	\$65.71
Standby	\$10.71	\$1.01							\$11.72	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B10 BATCH PLANTS, ASPHALT & CONCRETE

B10 0.30 PUGMILL

KPI-JCI

							Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description					12/1/2017	Main			Carrier	CWT
B10KJ001	52	BATCH PLANT, PUGMILL, TWO 12' LONG X 6' PORTABLE WIDE 9 CY HOPPERS WITH 30" X 10' 9" BELT PUGMILL FEEDER, 48" WIDE X 6' LONG TWIN PUGMILL, WALKWAY, TANDEM AXLE CHASSIS						Elec	130	HP	D-Off	371
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$26.32	\$1.50	\$27.82	\$12.17	\$6.68	\$2.06	\$0.36	\$42.88	\$64.15	\$91.97		
Standby	\$13.16	\$1.50							\$14.66			

							Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT	
B10KJ002	52S PORTABLE PUGMILL	BATCHPLANT, PUGMILL, TWO 14' LONG X 7' WIDE 15 CY PRIMARY HOPPERS WITH 36" WIDE X 36' LONG BELT FEEDERS, 4' WIDE X 8' LONG TWIN SHAFT PUGMILL, WALKWAY, TANDEM AXLE CHASSIS, UP TO 500 TONS PER HOUR (ADD 200 KW GENERATOR & MATERIAL FEEDS)						Elec	220	HP	D-Off	444
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$26.51	\$1.52	\$28.03	\$20.59	\$11.29	\$2.30	\$0.40	\$43.23	\$77.81	\$105.84		
Standby	\$13.26	\$1.52							\$14.78			

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B15 BROOMS, STREET SWEEPERS & FLUSHERS

B15 0.00 BROOMS, STREET SWEEPERS & FLUSHE

BROCE MANUFACTURING COMPANY

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
B15BM001	RJT-350	BROOM, 8' BROOM PATH, PAVEMENT, SELF PROPELLED		D-On	80	HP	D-Off	50		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.17	\$0.27	\$7.44	\$7.42	\$1.02	\$0.13	\$0.02	\$7.87	\$16.46	\$23.90
Standby	\$3.59	\$0.27							\$3.86	

ELGIN SWEEPER COMPANY

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
B15EC001	EAGLE F	STREET SWEEPER, 10' BROOM PATH, 4.5 CY HOPPER, 280 GAL WATER TANK, DUAL ENGINE, SELF PROPELLED		D-Off	49	HP	D-On	170	HP	150
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$32.09	\$1.22	\$33.31	\$6.82	\$0.93	\$0.86	\$0.15	\$35.24	\$44.00	\$77.31
Standby	\$16.05	\$1.22							\$17.27	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B15 BROOMS, STREET SWEEPERS & FLUSHERS

B15 0.00 BROOMS, STREET SWEEPERS & FLUSHE

ELGIN SWEEPER COMPANY

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
B15EC002	PELICAN P DUAL	STREET SWEEPER, 10' BROOM PATH, 3.5 CY HOPPER, 180 GAL WATER TANK, SELF PROPELLED		D-Off	100	HP	D-Off	128		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$22.90	\$0.87	\$23.77	\$7.69	\$1.05	\$0.46	\$0.08	\$25.14	\$34.43	\$58.20
Standby	\$11.45	\$0.87							\$12.32	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
B15EC003	BROOM BEAR FL42H	STREET SWEEPER, 12' BROOM PATH, 4.5 CY HOPPER, 350 GAL WATER TANK, SELF PROPELLED		D-On	230	HP	D-Off	213		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$30.44	\$1.16	\$31.60	\$21.32	\$2.92	\$0.86	\$0.15	\$33.44	\$58.68	\$90.28
Standby	\$15.22	\$1.16							\$16.38	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B15 BROOMS, STREET SWEEPERS & FLUSHERS

B15 0.00 BROOMS, STREET SWEEPERS & FLUSHE

ELGIN SWEEPER COMPANY

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier			CWT
B15EC004	MEGAWIND	STREET SWEEPER AND CATCH BASIN CLEANER, 12' BROOM PATH, 13 CY HOPPER, 335 GAL WATER TANK, SELF PROPELLED		D-On	115	HP	D-On	230	HP	238
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$34.51	\$1.30	\$35.81	\$14.79	\$2.02	\$0.00	\$0.00	\$37.85	\$54.66	\$90.47
Standby	\$17.26	\$1.30							\$18.56	

LAYMOR SWEEPERS

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier			CWT
B15LS001	SM300	BROOM, 8' BROOM PATH, PAVEMENT, SELF PROPELLED		D-On	25	HP	D-Off			30
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.03	\$0.12	\$3.15	\$2.32	\$0.32	\$0.11	\$0.02	\$3.33	\$6.09	\$9.24
Standby	\$1.52	\$0.12							\$1.64	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B15 BROOMS, STREET SWEEPERS & FLUSHERS

B15 0.00 BROOMS, STREET SWEEPERS & FLUSHE

LAYMOR SWEEPERS

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
B15LS002	SM450 ST	BROOM, 100" BROOM PATH, PAVEMENT, W/SPRINKLER AND 180 GAL WATER TANK, SELF PROPELLED		D-On	74	HP	D-Off	48		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.99	\$0.23	\$6.22	\$6.86	\$0.94	\$0.11	\$0.02	\$6.58	\$14.51	\$20.73
Standby	\$3.00	\$0.23							\$3.23	

M-B COMPANIES, INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
B15MB001	MT-AR	STREET SWEEPER, 7' BROOM PATH, W/SPRINKLER AND 152 GAL WATER TANK, PTO DRIVE (ADD 45-100 HP TRACTOR)		D-Off		D-Off		10		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.97	\$0.04	\$1.01	\$0.00	\$0.10	\$0.00	\$0.00	\$1.06	\$1.16	\$2.17
Standby	\$0.49	\$0.04							\$0.53	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B15 BROOMS, STREET SWEEPERS & FLUSHERS

B15 0.00 BROOMS, STREET SWEEPERS & FLUSHE

M-B COMPANIES, INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
B15MB002	HT	STREET SWEEPER, 7' BROOM PATH, W/SPRINKLER AND 152 GAL WATER TANK, PTO DRIVE (ADD 45-100 HP TRACTOR)		D-Off		D-Off		12		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.07	\$0.04	\$1.11	\$0.00	\$0.14	\$0.00	\$0.00	\$1.17	\$1.31	\$2.42
Standby	\$0.54	\$0.04							\$0.58	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
B15MB004	53MH	STREET SWEEPER, 7' BROOM PATH, W/SPRINKLER AND 152 GAL WATER TANK, TOWED (ADD TOWING UNIT)		Gas	24	HP	D-Off	17		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.66	\$0.10	\$2.76	\$3.17	\$0.37	\$0.04	\$0.01	\$2.92	\$6.51	\$9.27
Standby	\$1.33	\$0.10							\$1.43	

* - Adjustable Elements

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B15 BROOMS, STREET SWEEPERS & FLUSHERS

B15 0.00 BROOMS, STREET SWEEPERS & FLUSHE

ROSCO, A LeeBoy COMPANY

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
B15RS001	RB-50	STREET SWEEPER, 8' BROOM PATH, W/SPRINKLER AND 150 GAL WATER TANK, SELF PROPELLED		D-On	74	HP	D-Off	56		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.56	\$0.29	\$7.85	\$6.86	\$0.94	\$0.11	\$0.02	\$8.30	\$16.22	\$24.07
Standby	\$3.78	\$0.29							\$4.07	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
B15RS005	CHALLENGER 7	STREET SWEEPER, 8' BROOM PATH, W/SPRINKLER AND 150 GAL WATER TANK, SELF PROPELLED		D-On	74	HP	D-Off	75		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.74	\$0.37	\$10.11	\$6.86	\$0.94	\$0.13	\$0.02	\$10.68	\$18.63	\$28.74
Standby	\$4.87	\$0.37							\$5.24	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B15 BROOMS, STREET SWEEPERS & FLUSHERS

B15 0.00 BROOMS, STREET SWEEPERS & FLUSHE

TERRAMITE CONSTRUCTION EQUIPMENT

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
B15TB001	TSS46	STREET SWEEPER, 6' BROOM PATH, W/SPRINKLER AND 2 - 50 GAL WATER TANKS, SELF PROPELLED		D-Off	37	HP	D-Off	34		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.75	\$0.10	\$2.85	\$2.84	\$0.39	\$0.07	\$0.01	\$3.02	\$6.33	\$9.18
Standby	\$1.38	\$0.10							\$1.48	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
B15TB002	TSS48	STREET SWEEPER, 8' BROOM PATH, W/SPRINKLER AND 2 - 50 GAL WATER TANKS, SELF PROPELLED		D-Off	37	HP	D-Off	34		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.76	\$0.11	\$2.87	\$2.84	\$0.39	\$0.07	\$0.01	\$3.03	\$6.35	\$9.22
Standby	\$1.38	\$0.11							\$1.49	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B20 BRUSH CHIPPERS

B20 0.00 BRUSH CHIPPERS

BANDIT INDUSTRIES, INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
B20BN001	65XP	BRUSH CHIPPER, 6" CAPACITY, DISC TYPE, TRAILER MTD		Gas	35	HP	D-Off	30		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.13	\$0.08	\$2.21	\$4.63	\$0.72	\$0.04	\$0.01	\$2.63	\$8.03	\$10.24
Standby	\$1.07	\$0.08							\$1.15	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
B20BN002	90XP	BRUSH CHIPPER, 9" CAPACITY, DISC TYPE, TRAILER MTD		Gas	37	HP	D-Off	44		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.04	\$0.12	\$3.16	\$4.89	\$0.76	\$0.04	\$0.01	\$3.76	\$9.46	\$12.62
Standby	\$1.52	\$0.12							\$1.64	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
B20BN003	200XP	BRUSH CHIPPER, 12" CAPACITY, DISC TYPE, TRAILER MTD		Gas	89	HP	D-Off	58		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.13	\$0.16	\$4.29	\$11.76	\$1.84	\$0.04	\$0.01	\$5.10	\$18.75	\$23.04
Standby	\$2.07	\$0.16							\$2.23	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B20 BRUSH CHIPPERS

B20 0.00 BRUSH CHIPPERS

BANDIT INDUSTRIES, INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
B20BN005	15XP	BRUSH CHIPPER, 13" CAPACITY, DRUM TYPE, TRAILER MTD		Gas	145	HP	D-Off	80		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.49	\$0.21	\$5.70	\$19.16	\$3.00	\$0.04	\$0.01	\$6.78	\$28.98	\$34.68
Standby	\$2.75	\$0.21							\$2.96	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
B20BN006	18XP	BRUSH CHIPPER, 17" CAPACITY, DRUM TYPE, TRAILER MTD		Gas	165	HP	D-Off	90		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.04	\$0.27	\$7.31	\$21.81	\$3.41	\$0.04	\$0.01	\$8.68	\$33.96	\$41.27
Standby	\$3.52	\$0.27							\$3.79	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
B20BN007	21XP	BRUSH CHIPPER, 18" CAPACITY, DRUM TYPE, TRAILER MTD		D-Off	321	HP	D-Off	126		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$17.47	\$0.66	\$18.13	\$24.68	\$3.38	\$0.10	\$0.02	\$21.57	\$49.74	\$67.87
Standby	\$8.74	\$0.66							\$9.40	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B20 BRUSH CHIPPERS

B20 0.00 BRUSH CHIPPERS

MORBARK, INC.

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
B20MQ001	M12R DIESEL	BRUSH CHIPPER, 12" CAPACITY, DRUM TYPE, TRAILER MTD			D-Off	49	HP	D-Off	55	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.14	\$0.19	\$5.33	\$3.77	\$0.52	\$0.06	\$0.01	\$6.35	\$10.70	\$16.03
Standby	\$2.57	\$0.19							\$2.76	

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
B20MQ003	M15R DIESEL	BRUSH CHIPPER, 15" CAPACITY, DRUM TYPE, TRAILER MTD			D-Off	130	HP	D-Off	89	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.07	\$0.27	\$7.34	\$9.99	\$1.37	\$0.09	\$0.02	\$8.73	\$20.19	\$27.53
Standby	\$3.54	\$0.27							\$3.81	

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
B20MQ004	M18R DIESEL	BRUSH CHIPPER, 18" CAPACITY, DRUM TYPE, TRAILER MTD			D-Off	147	HP	D-Off	110	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.82	\$0.30	\$8.12	\$11.30	\$1.55	\$0.17	\$0.03	\$9.66	\$22.70	\$30.82
Standby	\$3.91	\$0.30							\$4.21	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B20 BRUSH CHIPPERS

B20 0.00 BRUSH CHIPPERS

MORBARK, INC.

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
B20MQ005	M20R DIESEL	BRUSH CHIPPER, LOG CHIPPER, 20" CAPACITY, DISC TYPE, TRAILER MTD			D-Off	400	HP	D-Off	180	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$13.05	\$0.49	\$13.54	\$30.75	\$5.71	\$0.17	\$0.03	\$16.11	\$52.77	\$66.31
Standby	\$6.53	\$0.49							\$7.02	

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
B20MQ006	M12RX DIESEL	BRUSH CHIPPER, 12" CAPACITY, DRUM TYPE, TRAILER MTD			D-Off	49	HP	D-Off	49	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.90	\$0.15	\$4.05	\$3.77	\$0.52	\$0.07	\$0.01	\$4.81	\$9.18	\$13.23
Standby	\$1.95	\$0.15							\$2.10	

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
B20MQ007	M12RX GAS	BRUSH CHIPPER, 12" CAPACITY, DRUM TYPE, TRAILER MTD			Gas	89	HP	D-Off	49	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.18	\$0.12	\$3.30	\$11.76	\$1.84	\$0.07	\$0.01	\$3.93	\$17.60	\$20.90
Standby	\$1.59	\$0.12							\$1.71	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B20 BRUSH CHIPPERS

B20 0.00 BRUSH CHIPPERS

MORBARK, INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
B20MQ008	M12R GAS	BRUSH CHIPPER, LOG CHIPPER, 12" CAPACITY, DRUM TYPE, TRAILER MTD		Gas	130	HP	D-Off	55		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.89	\$0.15	\$4.04	\$17.18	\$2.69	\$0.07	\$0.01	\$4.80	\$24.74	\$28.78
Standby	\$1.95	\$0.15							\$2.10	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
B20MQ009	M15R GAS	BRUSH CHIPPER, 15" CAPACITY, DRUM TYPE, TRAILER MTD		Gas	174	HP	D-Off	89		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.02	\$0.19	\$5.21	\$23.00	\$3.60	\$0.09	\$0.02	\$6.20	\$32.91	\$38.12
Standby	\$2.51	\$0.19							\$2.70	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
B20MQ010	M18R GAS	BRUSH CHIPPER, 18" CAPACITY, DRUM TYPE, TRAILER MTD		Gas	275	HP	D-Off	110		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.94	\$0.23	\$6.17	\$36.34	\$5.68	\$0.17	\$0.03	\$7.34	\$49.56	\$55.73
Standby	\$2.97	\$0.23							\$3.20	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B25 BUCKETS, CLAMSHELL

B25 0.00 BUCKETS, CLAMSHELL

HAWCO (ANVIL ATTACHMENTS)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
B25HB001	MWRH-050	BUCKET, CLAMSHELL, 0.5 CY, HEAVY DUTY/DIGGING		D-Off	D-Off	30				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.90	\$0.11	\$3.01	\$0.00	\$0.00	\$0.00	\$0.00	\$2.73	\$2.73	\$5.74
Severe	\$3.57	\$0.11	\$3.68	\$0.00	\$0.00	\$0.00	\$0.00	\$3.84	\$3.84	\$7.52
Standby	\$1.45	\$0.11							\$1.56	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
B25HB003	MWRH-100	BUCKET, CLAMSHELL, 1.0 CY, HEAVY DUTY/DIGGING		D-Off	D-Off	48				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.09	\$0.12	\$3.21	\$0.00	\$0.00	\$0.00	\$0.00	\$2.91	\$2.91	\$6.12
Severe	\$3.81	\$0.12	\$3.93	\$0.00	\$0.00	\$0.00	\$0.00	\$4.09	\$4.09	\$8.02
Standby	\$1.55	\$0.12							\$1.67	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B25 BUCKETS, CLAMSHELL

B25 0.00 BUCKETS, CLAMSHELL

HAWCO (ANVIL ATTACHMENTS)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
B25HB005	MWRH-150	BUCKET, CLAMSHELL, 1.5 CY, HEAVY DUTY/DIGGING		D-Off	D-Off	66				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.30	\$0.12	\$3.42	\$0.00	\$0.00	\$0.00	\$0.00	\$3.11	\$3.11	\$6.53
Severe	\$4.06	\$0.13	\$4.19	\$0.00	\$0.00	\$0.00	\$0.00	\$4.37	\$4.37	\$8.56
Standby	\$1.65	\$0.12							\$1.77	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
B25HB007	MWRH-200	BUCKET, CLAMSHELL, 2.0 CY, HEAVY DUTY/DIGGING		D-Off	D-Off	78				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.34	\$0.16	\$4.50	\$0.00	\$0.00	\$0.00	\$0.00	\$4.08	\$4.08	\$8.58
Severe	\$5.34	\$0.17	\$5.51	\$0.00	\$0.00	\$0.00	\$0.00	\$5.75	\$5.75	\$11.26
Standby	\$2.17	\$0.16							\$2.33	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B25 BUCKETS, CLAMSHELL

B25 0.00 BUCKETS, CLAMSHELL

HAWCO (ANVIL ATTACHMENTS)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
B25HB008	MWRH-250	BUCKET, CLAMSHELL, 2.5 CY, HEAVY DUTY/DIGGING		D-Off	D-Off	91				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.48	\$0.17	\$4.65	\$0.00	\$0.00	\$0.00	\$0.00	\$4.22	\$4.22	\$8.87
Severe	\$5.52	\$0.17	\$5.69	\$0.00	\$0.00	\$0.00	\$0.00	\$5.93	\$5.93	\$11.62
Standby	\$2.24	\$0.17							\$2.41	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
B25HB009	MWRH-300	BUCKET, CLAMSHELL, 3.0 CY, HEAVY DUTY/DIGGING		D-Off	D-Off	103				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.70	\$0.18	\$4.88	\$0.00	\$0.00	\$0.00	\$0.00	\$4.42	\$4.42	\$9.30
Severe	\$5.78	\$0.18	\$5.96	\$0.00	\$0.00	\$0.00	\$0.00	\$6.21	\$6.21	\$12.17
Standby	\$2.35	\$0.18							\$2.53	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B25 BUCKETS, CLAMSHELL

B25 0.00 BUCKETS, CLAMSHELL

HAWCO (ANVIL ATTACHMENTS)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
B25HB010	MWRH-350	BUCKET, CLAMSHELL, 3.5 CY, HEAVY DUTY/DIGGING		D-Off	D-Off	131				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.38	\$0.20	\$5.58	\$0.00	\$0.00	\$0.00	\$0.00	\$5.07	\$5.07	\$10.65
Severe	\$6.63	\$0.21	\$6.84	\$0.00	\$0.00	\$0.00	\$0.00	\$7.13	\$7.13	\$13.97
Standby	\$2.69	\$0.20							\$2.89	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
B25HB011	MWRH-400	BUCKET, CLAMSHELL, 4.0 CY, HEAVY DUTY/DIGGING		D-Off	D-Off	145				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.42	\$0.20	\$5.62	\$0.00	\$0.00	\$0.00	\$0.00	\$5.10	\$5.10	\$10.72
Severe	\$6.67	\$0.21	\$6.88	\$0.00	\$0.00	\$0.00	\$0.00	\$7.17	\$7.17	\$14.05
Standby	\$2.71	\$0.20							\$2.91	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B25 BUCKETS, CLAMSHELL

B25 0.00 BUCKETS, CLAMSHELL

HAWCO (ANVIL ATTACHMENTS)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
B25HB012	MWRH-450	BUCKET, CLAMSHELL, 4.5 CY, HEAVY DUTY/DIGGING		D-Off	D-Off	165				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.70	\$0.21	\$5.91	\$0.00	\$0.00	\$0.00	\$0.00	\$5.37	\$5.37	\$11.28
Severe	\$7.02	\$0.22	\$7.24	\$0.00	\$0.00	\$0.00	\$0.00	\$7.55	\$7.55	\$14.79
Standby	\$2.85	\$0.21							\$3.06	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
B25HB013	MWHR-500	BUCKET, CLAMSHELL, 5.0 CY, HEAVY DUTY/DIGGING		D-Off	D-Off	173				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.97	\$0.22	\$6.19	\$0.00	\$0.00	\$0.00	\$0.00	\$5.62	\$5.62	\$11.81
Severe	\$7.35	\$0.23	\$7.58	\$0.00	\$0.00	\$0.00	\$0.00	\$7.90	\$7.90	\$15.48
Standby	\$2.99	\$0.22							\$3.21	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B25 BUCKETS, CLAMSHELL

B25 0.00 BUCKETS, CLAMSHELL

HAWCO (ANVIL ATTACHMENTS)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
B25HB014	MWRH-550	BUCKET, CLAMSHELL, 5.5 CY, HEAVY DUTY/DIGGING		D-Off	D-Off	178				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.17	\$0.23	\$6.40	\$0.00	\$0.00	\$0.00	\$0.00	\$5.81	\$5.81	\$12.21
Severe	\$7.59	\$0.24	\$7.83	\$0.00	\$0.00	\$0.00	\$0.00	\$8.17	\$8.17	\$16.00
Standby	\$3.09	\$0.23							\$3.32	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
B25HB015	MWRH-600	BUCKET, CLAMSHELL, 6.0 CY, HEAVY DUTY/DIGGING		D-Off	D-Off	199				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.39	\$0.24	\$6.63	\$0.00	\$0.00	\$0.00	\$0.00	\$6.01	\$6.01	\$12.64
Severe	\$7.86	\$0.25	\$8.11	\$0.00	\$0.00	\$0.00	\$0.00	\$8.46	\$8.46	\$16.57
Standby	\$3.20	\$0.24							\$3.44	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B25 BUCKETS, CLAMSHELL

B25 0.00 BUCKETS, CLAMSHELL

NO SPECIFIC MANUFACTURER

							Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT	
B25XX001	1/4 RN	BUCKET, CLAMSHELL, 0.25 CY, ROUND NOSE, STANDARD					D-Off		D-Off		17	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$2.76	\$0.10	\$2.86	\$0.00	\$0.00	\$0.00	\$0.00	\$2.60	\$2.60	\$5.46		
Severe	\$3.40	\$0.11	\$3.51	\$0.00	\$0.00	\$0.00	\$0.00	\$3.66	\$3.66	\$7.17		
Standby	\$1.38	\$0.10							\$1.48			

							Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT	
B25XX002	1/2 RN	BUCKET, CLAMSHELL, 0.5 CY, ROUND NOSE, STANDARD					D-Off		D-Off		24	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$3.10	\$0.12	\$3.22	\$0.00	\$0.00	\$0.00	\$0.00	\$2.91	\$2.91	\$6.13		
Severe	\$3.81	\$0.12	\$3.93	\$0.00	\$0.00	\$0.00	\$0.00	\$4.10	\$4.10	\$8.03		
Standby	\$1.55	\$0.12							\$1.67			

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B25 BUCKETS, CLAMSHELL

B25 0.00 BUCKETS, CLAMSHELL

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
B25XX003	3/4 RN	BUCKET, CLAMSHELL, 0.7 CY, ROUND NOSE, STANDARD		D-Off	D-Off	31				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.43	\$0.13	\$3.56	\$0.00	\$0.00	\$0.00	\$0.00	\$3.23	\$3.23	\$6.79
Severe	\$4.22	\$0.13	\$4.35	\$0.00	\$0.00	\$0.00	\$0.00	\$4.54	\$4.54	\$8.89
Standby	\$1.72	\$0.13							\$1.85	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
B25XX004	1 RN	BUCKET, CLAMSHELL, 1.0 CY, ROUND NOSE, STANDARD		D-Off	D-Off	40				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.51	\$0.13	\$3.64	\$0.00	\$0.00	\$0.00	\$0.00	\$3.30	\$3.30	\$6.94
Severe	\$4.32	\$0.14	\$4.46	\$0.00	\$0.00	\$0.00	\$0.00	\$4.64	\$4.64	\$9.10
Standby	\$1.76	\$0.13							\$1.89	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B25 BUCKETS, CLAMSHELL

B25 0.00 BUCKETS, CLAMSHELL

NO SPECIFIC MANUFACTURER

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
B25XX005	1-1/4 RN	BUCKET, CLAMSHELL, 1.2 CY, ROUND NOSE, STANDARD					D-Off		D-Off	45	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$4.10	\$0.15	\$4.25	\$0.00	\$0.00	\$0.00	\$0.00	\$3.86	\$3.86	\$8.11	
Severe	\$5.05	\$0.16	\$5.21	\$0.00	\$0.00	\$0.00	\$0.00	\$5.43	\$5.43	\$10.64	
Standby	\$2.05	\$0.15							\$2.20		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
B25XX006	1-1/2 RN	BUCKET, CLAMSHELL, 1.5 CY, ROUND NOSE, STANDARD					D-Off		D-Off	52	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$4.44	\$0.17	\$4.61	\$0.00	\$0.00	\$0.00	\$0.00	\$4.18	\$4.18	\$8.79	
Severe	\$5.47	\$0.17	\$5.64	\$0.00	\$0.00	\$0.00	\$0.00	\$5.88	\$5.88	\$11.52	
Standby	\$2.22	\$0.17							\$2.39		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B25 BUCKETS, CLAMSHELL

B25 0.00 BUCKETS, CLAMSHELL

NO SPECIFIC MANUFACTURER

							Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT	
B25XX007	1-3/4 RN	BUCKET, CLAMSHELL, 1.7 CY, ROUND NOSE, STANDARD					D-Off		D-Off		59	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$4.78	\$0.18	\$4.96	\$0.00	\$0.00	\$0.00	\$0.00	\$4.50	\$4.50	\$9.46		
Severe	\$5.88	\$0.18	\$6.06	\$0.00	\$0.00	\$0.00	\$0.00	\$6.33	\$6.33	\$12.39		
Standby	\$2.39	\$0.18							\$2.57			

							Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT	
B25XX008	2 RN	BUCKET, CLAMSHELL, 2.0 CY, ROUND NOSE, STANDARD					D-Off		D-Off		70	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$5.55	\$0.21	\$5.76	\$0.00	\$0.00	\$0.00	\$0.00	\$5.22	\$5.22	\$10.98		
Severe	\$6.83	\$0.21	\$7.04	\$0.00	\$0.00	\$0.00	\$0.00	\$7.34	\$7.34	\$14.38		
Standby	\$2.78	\$0.21							\$2.99			

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B25 BUCKETS, CLAMSHELL

B25 0.00 BUCKETS, CLAMSHELL

NO SPECIFIC MANUFACTURER

							Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT	
B25XX009	2-1/2 RN	BUCKET, CLAMSHELL, 2.5 CY, ROUND NOSE, STANDARD					D-Off		D-Off		81	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$5.78	\$0.22	\$6.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5.44	\$5.44	\$11.44		
Severe	\$7.12	\$0.22	\$7.34	\$0.00	\$0.00	\$0.00	\$0.00	\$7.66	\$7.66	\$15.00		
Standby	\$2.89	\$0.22							\$3.11			

							Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT	
B25XX010	3 RN	BUCKET, CLAMSHELL, 3.0 CY, ROUND NOSE, STANDARD					D-Off		D-Off		87	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$6.24	\$0.23	\$6.47	\$0.00	\$0.00	\$0.00	\$0.00	\$5.87	\$5.87	\$12.34		
Severe	\$7.68	\$0.24	\$7.92	\$0.00	\$0.00	\$0.00	\$0.00	\$8.26	\$8.26	\$16.18		
Standby	\$3.12	\$0.23							\$3.35			

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B25 BUCKETS, CLAMSHELL

B25 0.00 BUCKETS, CLAMSHELL

NO SPECIFIC MANUFACTURER

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main	Carrier	CWT			
B25XX011	3-1/2 RN	BUCKET, CLAMSHELL, 3.5 CY, ROUND NOSE, STANDARD			D-Off	D-Off	109			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.13	\$0.27	\$7.40	\$0.00	\$0.00	\$0.00	\$0.00	\$6.71	\$6.71	\$14.11
Severe	\$8.78	\$0.28	\$9.06	\$0.00	\$0.00	\$0.00	\$0.00	\$9.44	\$9.44	\$18.50
Standby	\$3.57	\$0.27							\$3.84	

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main	Carrier	CWT			
B25XX012	4 RN	BUCKET, CLAMSHELL, 4.0 CY, ROUND NOSE, STANDARD			D-Off	D-Off	117			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.59	\$0.29	\$7.88	\$0.00	\$0.00	\$0.00	\$0.00	\$7.14	\$7.14	\$15.02
Severe	\$9.34	\$0.29	\$9.63	\$0.00	\$0.00	\$0.00	\$0.00	\$10.05	\$10.05	\$19.68
Standby	\$3.80	\$0.29							\$4.09	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B25 BUCKETS, CLAMSHELL

B25 0.00 BUCKETS, CLAMSHELL

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
B25XX013	4-1/2 RN	BUCKET, CLAMSHELL, 4.5 CY, ROUND NOSE, STANDARD		D-Off	D-Off	137				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.48	\$0.32	\$8.80	\$0.00	\$0.00	\$0.00	\$0.00	\$7.98	\$7.98	\$16.78
Severe	\$10.44	\$0.33	\$10.77	\$0.00	\$0.00	\$0.00	\$0.00	\$11.23	\$11.23	\$22.00
Standby	\$4.24	\$0.32							\$4.56	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
B25XX014	5 RN	BUCKET, CLAMSHELL, 5.0 CY, ROUND NOSE, STANDARD		D-Off	D-Off	160				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.58	\$0.36	\$9.94	\$0.00	\$0.00	\$0.00	\$0.00	\$9.01	\$9.01	\$18.95
Severe	\$11.79	\$0.37	\$12.16	\$0.00	\$0.00	\$0.00	\$0.00	\$12.68	\$12.68	\$24.84
Standby	\$4.79	\$0.36							\$5.15	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B25 BUCKETS, CLAMSHELL

B25 0.00 BUCKETS, CLAMSHELL

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
B25XX015	5-1/2 RN	BUCKET, CLAMSHELL, 5.5 CY, ROUND NOSE, STANDARD		D-Off	D-Off	166				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.82	\$0.37	\$10.19	\$0.00	\$0.00	\$0.00	\$0.00	\$9.24	\$9.24	\$19.43
Severe	\$12.09	\$0.38	\$12.47	\$0.00	\$0.00	\$0.00	\$0.00	\$13.00	\$13.00	\$25.47
Standby	\$4.91	\$0.37							\$5.28	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
B25XX016	6 RN	BUCKET, CLAMSHELL, 6.0 CY, ROUND NOSE, STANDARD		D-Off	D-Off	180				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$10.41	\$0.39	\$10.80	\$0.00	\$0.00	\$0.00	\$0.00	\$9.80	\$9.80	\$20.60
Severe	\$12.82	\$0.40	\$13.22	\$0.00	\$0.00	\$0.00	\$0.00	\$13.78	\$13.78	\$27.00
Standby	\$5.21	\$0.39							\$5.60	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B25 BUCKETS, CLAMSHELL

B25 0.00 BUCKETS, CLAMSHELL

NO SPECIFIC MANUFACTURER

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT
B25XX017	6-1/2 RN	BUCKET, CLAMSHELL, 6.5 CY, ROUND NOSE, STANDARD					D-Off		D-Off		194
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$11.17	\$0.42	\$11.59	\$0.00	\$0.00	\$0.00	\$0.00	\$10.51	\$10.51	\$22.10	
Severe	\$13.75	\$0.43	\$14.18	\$0.00	\$0.00	\$0.00	\$0.00	\$14.78	\$14.78	\$28.96	
Standby	\$5.59	\$0.42							\$6.01		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT
B25XX018	7 RN	BUCKET, CLAMSHELL, 7.0 CY, ROUND NOSE, STANDARD					D-Off		D-Off		210
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$11.90	\$0.45	\$12.35	\$0.00	\$0.00	\$0.00	\$0.00	\$11.20	\$11.20	\$23.55	
Severe	\$14.65	\$0.46	\$15.11	\$0.00	\$0.00	\$0.00	\$0.00	\$15.75	\$15.75	\$30.86	
Standby	\$5.95	\$0.45							\$6.40		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B25 BUCKETS, CLAMSHELL

B25 0.00 BUCKETS, CLAMSHELL

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT
B25XX019	7-1/2 RN	BUCKET, CLAMSHELL, 7.5 CY, ROUND NOSE, STANDARD		D-Off	D-Off	223

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$12.52	\$0.47	\$12.99	\$0.00	\$0.00	\$0.00	\$0.00	\$11.78	\$11.78	\$24.77
Severe	\$15.41	\$0.48	\$15.89	\$0.00	\$0.00	\$0.00	\$0.00	\$16.57	\$16.57	\$32.46
Standby	\$6.26	\$0.47							\$6.73	

B30 BUCKETS, CONCRETE

B30 0.10 GENERAL PURPOSE, MANUAL TRIP

GAR-BRO MANUFACTURING COMPANY

			Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT
B30GB001	433-G	BUCKET, CONCRETE, GENERAL PURPOSE, 1.0 CY		D-Off	D-Off	6

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.60	\$0.02	\$0.62	\$0.00	\$0.00	\$0.00	\$0.00	\$0.54	\$0.54	\$1.16
Standby	\$0.30	\$0.02							\$0.32	

* - Adjustable Elements

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Hourly Equipment Ownership and Operating Expense

B30 BUCKETS, CONCRETE

B30 0.10 GENERAL PURPOSE, MANUAL TRIP

GAR-BRO MANUFACTURING COMPANY

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
B30GB002	442-G	BUCKET, CONCRETE, GENERAL PURPOSE, 1.5 CY					D-Off	D-Off	8		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$0.78	\$0.03	\$0.81	\$0.00	\$0.00	\$0.00	\$0.00	\$0.69	\$0.69	\$1.50	
Standby	\$0.39	\$0.03							\$0.42		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
B30GB003	462-G	BUCKET, CONCRETE, GENERAL PURPOSE, 2.0 CY					D-Off	D-Off	10		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$0.96	\$0.03	\$0.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.86	\$0.86	\$1.85	
Standby	\$0.48	\$0.03							\$0.51		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
B30GB004	493-G	BUCKET, CONCRETE, GENERAL PURPOSE, 3.0 CY					D-Off	D-Off	14		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$1.39	\$0.05	\$1.44	\$0.00	\$0.00	\$0.00	\$0.00	\$1.24	\$1.24	\$2.68	
Standby	\$0.70	\$0.05							\$0.75		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B30 BUCKETS, CONCRETE

B30 0.10 GENERAL PURPOSE, MANUAL TRIP

GAR-BRO MANUFACTURING COMPANY

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
B30GB005	4123-G	BUCKET, CONCRETE, GENERAL PURPOSE, 4.0 CY						D-Off	D-Off	18	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$1.65	\$0.06	\$1.71	\$0.00	\$0.00	\$0.00	\$0.00	\$1.47	\$1.47	\$3.18	
Standby	\$0.83	\$0.06							\$0.89		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
B30GB018	413-G	BUCKET, CONCRETE, GENERAL PURPOSE, 0.5 CY						D-Off	D-Off	4	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$0.49	\$0.02	\$0.51	\$0.00	\$0.00	\$0.00	\$0.00	\$0.44	\$0.44	\$0.95	
Standby	\$0.25	\$0.02							\$0.27		

* - Adjustable Elements

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Hourly Equipment Ownership and Operating Expense

B30 BUCKETS, CONCRETE

B30 0.20 LAYDOWN

GAR-BRO MANUFACTURING COMPANY

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
B30GB006	425-A	BUCKET, CONCRETE, LAYDOWN, 1.0 CY, HEAVY DUTY AIR GATE						D-Off	D-Off	26	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$3.76	\$0.13	\$3.89	\$0.00	\$0.00	\$0.00	\$0.00	\$3.59	\$3.59	\$7.48	
Standby	\$1.88	\$0.13							\$2.01		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
B30GB007	465-A	BUCKET, CONCRETE, LAYDOWN, 2.0 CY, HEAVY DUTY AIR GATE						D-Off	D-Off	32	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$4.08	\$0.14	\$4.22	\$0.00	\$0.00	\$0.00	\$0.00	\$3.90	\$3.90	\$8.12	
Standby	\$2.04	\$0.14							\$2.18		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT
B30GB008	495-A	BUCKET, CONCRETE, LAYDOWN, 3.0 CY, HEAVY DUTY AIR GATE					D-Off		D-Off		40
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$4.52	\$0.16	\$4.68	\$0.00	\$0.00	\$0.00	\$0.00	\$4.32	\$4.32	\$9.00	
Standby	\$2.26	\$0.16							\$2.42		

* - Adjustable Elements

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Hourly Equipment Ownership and Operating Expense

B30 BUCKETS, CONCRETE

B30 0.20 LAYDOWN

GAR-BRO MANUFACTURING COMPANY

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
B30GB009	4125-A	BUCKET, CONCRETE, LAYDOWN, 4.0 CY, HEAVY DUTY AIR GATE						D-Off	D-Off	51	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$5.03	\$0.17	\$5.20	\$0.00	\$0.00	\$0.00	\$0.00	\$4.80	\$4.80	\$10.00	
Standby	\$2.52	\$0.17							\$2.69		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
B30GB010	4155-A	BUCKET, CONCRETE, LAYDOWN, 5.0 CY, HEAVY DUTY AIR GATE						D-Off	D-Off	73	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$6.38	\$0.22	\$6.60	\$0.00	\$0.00	\$0.00	\$0.00	\$6.10	\$6.10	\$12.70	
Standby	\$3.19	\$0.22							\$3.41		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B30 BUCKETS, CONCRETE

B30 0.30 LOWBOY

CAMLEVER

						Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description				12/1/2017	Main	Carrier	CWT	
B30CR001	LB-375	BUCKET, CONCRETE, LOWBOY, 0.38 CY					D-Off	D-Off	2	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.31	\$0.01	\$0.32	\$0.00	\$0.00	\$0.00	\$0.00	\$0.32	\$0.32	\$0.64
Standby	\$0.16	\$0.01							\$0.17	

						Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description				12/1/2017	Main	Carrier	CWT	
B30CR002	LB-050	BUCKET, CONCRETE, LOWBOY, 0.5 CY					D-Off	D-Off	2	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.34	\$0.01	\$0.35	\$0.00	\$0.00	\$0.00	\$0.00	\$0.35	\$0.35	\$0.70
Standby	\$0.17	\$0.01							\$0.18	

						Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description				12/1/2017	Main	Carrier	CWT	
B30CR003	LB-075	BUCKET, CONCRETE, LOWBOY, 0.75 CY					D-Off	D-Off	3	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.38	\$0.01	\$0.39	\$0.00	\$0.00	\$0.00	\$0.00	\$0.39	\$0.39	\$0.78
Standby	\$0.19	\$0.01							\$0.20	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B30 BUCKETS, CONCRETE

B30 0.30 LOWBOY

CAMLEVER

						Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description				12/1/2017	Main	Carrier	CWT	
B30CR004	LB-100	BUCKET, CONCRETE, LOWBOY, 1.0 CY					D-Off	D-Off	5	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.42	\$0.01	\$0.43	\$0.00	\$0.00	\$0.00	\$0.00	\$0.43	\$0.43	\$0.86
Standby	\$0.21	\$0.01							\$0.22	

						Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description				12/1/2017	Main	Carrier	CWT	
B30CR005	LB-150	BUCKET, CONCRETE, LOWBOY, 1.5 CY					D-Off	D-Off	6	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.52	\$0.02	\$0.54	\$0.00	\$0.00	\$0.00	\$0.00	\$0.53	\$0.53	\$1.07
Standby	\$0.26	\$0.02							\$0.28	

						Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description				12/1/2017	Main	Carrier	CWT	
B30CR006	LB-200	BUCKET, CONCRETE, LOWBOY, 2.0 CY					D-Off	D-Off	8	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.62	\$0.02	\$0.64	\$0.00	\$0.00	\$0.00	\$0.00	\$0.63	\$0.63	\$1.27
Standby	\$0.31	\$0.02							\$0.33	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B30 BUCKETS, CONCRETE

B30 0.30 LOWBOY

CAMLEVER

						Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description				12/1/2017	Main	Carrier	CWT	
B30CR009	LXB-150	BUCKET, CONCRETE, LOWBOY, 1.5 CY					D-Off	D-Off	6	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.64	\$0.02	\$0.66	\$0.00	\$0.00	\$0.00	\$0.00	\$0.65	\$0.65	\$1.31
Standby	\$0.32	\$0.02							\$0.34	

						Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description				12/1/2017	Main	Carrier	CWT	
B30CR010	LXB-200	BUCKET, CONCRETE, LOWBOY, 2.0 CY					D-Off	D-Off	6	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.76	\$0.03	\$0.79	\$0.00	\$0.00	\$0.00	\$0.00	\$0.77	\$0.77	\$1.56
Standby	\$0.38	\$0.03							\$0.41	

						Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description				12/1/2017	Main	Carrier	CWT	
B30CR011	LXB-300	BUCKET, CONCRETE, LOWBOY, 3.0 CY					D-Off	D-Off	6	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.88	\$0.03	\$0.91	\$0.00	\$0.00	\$0.00	\$0.00	\$0.89	\$0.89	\$1.80
Standby	\$0.44	\$0.03							\$0.47	

* - Adjustable Elements

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Hourly Equipment Ownership and Operating Expense

B30 BUCKETS, CONCRETE

B30 0.30 LOWBOY

CAMLEVER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
B30CR012	LXB-400	BUCKET, CONCRETE, LOWBOY, 4.0 CY		D-Off	D-Off	6				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.07	\$0.04	\$1.11	\$0.00	\$0.00	\$0.00	\$0.00	\$1.09	\$1.09	\$2.20
Standby	\$0.54	\$0.04							\$0.58	

B30 0.40 LOW SLUMP

GAR-BRO MANUFACTURING COMPANY

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
B30GB011	440-A	BUCKET, CONCRETE, LOW SLUMP, 1.0 CY, AIR GATE		D-Off	D-Off	20				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.44	\$0.08	\$2.52	\$0.00	\$0.00	\$0.00	\$0.00	\$2.49	\$2.49	\$5.01
Standby	\$1.22	\$0.08							\$1.30	

* - Adjustable Elements

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Hourly Equipment Ownership and Operating Expense

B30 BUCKETS, CONCRETE

B30 0.40 LOW SLUMP

GAR-BRO MANUFACTURING COMPANY

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
B30GB012	450-A	BUCKET, CONCRETE, LOW SLUMP, 1.5 CY, AIR GATE						D-Off	D-Off	21	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$2.53	\$0.09	\$2.62	\$0.00	\$0.00	\$0.00	\$0.00	\$2.58	\$2.58	\$5.20	
Standby	\$1.27	\$0.09							\$1.36		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
B30GB013	460-A	BUCKET, CONCRETE, LOW SLUMP, 2.0 CY, AIR GATE						D-Off	D-Off	24	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$2.63	\$0.09	\$2.72	\$0.00	\$0.00	\$0.00	\$0.00	\$2.68	\$2.68	\$5.40	
Standby	\$1.32	\$0.09							\$1.41		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
B30GB014	493-A	BUCKET, CONCRETE, LOW SLUMP, 3.0 CY, AIR GATE						D-Off	D-Off	49	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$3.48	\$0.12	\$3.60	\$0.00	\$0.00	\$0.00	\$0.00	\$3.55	\$3.55	\$7.15	
Standby	\$1.74	\$0.12							\$1.86		

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

B30 BUCKETS, CONCRETE

B30 0.40 LOW SLUMP

GAR-BRO MANUFACTURING COMPANY

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
B30GB015	4139-A	BUCKET, CONCRETE, LOW SLUMP, 4.0 CY, AIR GATE						D-Off	D-Off	52	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$3.61	\$0.12	\$3.73	\$0.00	\$0.00	\$0.00	\$0.00	\$3.68	\$3.68	\$7.41	
Standby	\$1.81	\$0.12							\$1.93		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT
B30GB016	4200-A	BUCKET, CONCRETE, LOW SLUMP, 6.0 CY, AIR GATE					D-Off		D-Off		78
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$6.01	\$0.21	\$6.22	\$0.00	\$0.00	\$0.00	\$0.00	\$6.13	\$6.13	\$12.35	
Standby	\$3.01	\$0.21							\$3.22		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT
B30GB017	4250-A	BUCKET, CONCRETE, LOW SLUMP, 8.0 CY, AIR GATE					D-Off		D-Off		90
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$6.53	\$0.22	\$6.75	\$0.00	\$0.00	\$0.00	\$0.00	\$6.65	\$6.65	\$13.40	
Standby	\$3.27	\$0.22							\$3.49		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B35 BUCKETS, DRAGLINE

B35 0.20 MEDIUM WEIGHT

HENDRIX MANUFACTURING COMPANY, INC.

						Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description				12/1/2017	Main	Carrier	CWT	
B35HE018	TS	BUCKET, DRAGLINE, 0.75 CY, MEDIUM WEIGHT					D-Off	D-Off	17	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.98	\$0.04	\$1.02	\$0.00	\$0.00	\$0.00	\$0.00	\$0.93	\$0.93	\$1.95
Severe	\$1.27	\$0.04	\$1.31	\$0.00	\$0.00	\$0.00	\$0.00	\$1.36	\$1.36	\$2.67
Standby	\$0.49	\$0.04							\$0.53	

						Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description				12/1/2017	Main	Carrier	CWT	
B35HE019	TS	BUCKET, DRAGLINE, 1.0 CY, MEDIUM WEIGHT					D-Off	D-Off	19	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.13	\$0.05	\$1.18	\$0.00	\$0.00	\$0.00	\$0.00	\$1.06	\$1.06	\$2.24
Severe	\$1.45	\$0.05	\$1.50	\$0.00	\$0.00	\$0.00	\$0.00	\$1.56	\$1.56	\$3.06
Standby	\$0.57	\$0.05							\$0.62	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B35 BUCKETS, DRAGLINE

B35 0.20 MEDIUM WEIGHT

HENDRIX MANUFACTURING COMPANY, INC.

						Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description				12/1/2017	Main	Carrier	CWT	
B35HE020	TS	BUCKET, DRAGLINE, 1.5 CY, MEDIUM WEIGHT					D-Off	D-Off	28	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.61	\$0.07	\$1.68	\$0.00	\$0.00	\$0.00	\$0.00	\$1.51	\$1.51	\$3.19
Severe	\$2.07	\$0.07	\$2.14	\$0.00	\$0.00	\$0.00	\$0.00	\$2.23	\$2.23	\$4.37
Standby	\$0.81	\$0.07							\$0.88	

						Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description				12/1/2017	Main	Carrier	CWT	
B35HE021	TS	BUCKET, DRAGLINE, 2.0 CY, MEDIUM WEIGHT					D-Off	D-Off	36	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.03	\$0.08	\$2.11	\$0.00	\$0.00	\$0.00	\$0.00	\$1.91	\$1.91	\$4.02
Severe	\$2.61	\$0.09	\$2.70	\$0.00	\$0.00	\$0.00	\$0.00	\$2.81	\$2.81	\$5.51
Standby	\$1.02	\$0.08							\$1.10	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B35 BUCKETS, DRAGLINE

B35 0.20 MEDIUM WEIGHT

HENDRIX MANUFACTURING COMPANY, INC.

						Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description				12/1/2017	Main	Carrier	CWT	
B35HE022	TS	BUCKET, DRAGLINE, 2.5 CY, MEDIUM WEIGHT					D-Off	D-Off	41	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.34	\$0.10	\$2.44	\$0.00	\$0.00	\$0.00	\$0.00	\$2.20	\$2.20	\$4.64
Severe	\$3.01	\$0.10	\$3.11	\$0.00	\$0.00	\$0.00	\$0.00	\$3.24	\$3.24	\$6.35
Standby	\$1.17	\$0.10							\$1.27	

						Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description				12/1/2017	Main	Carrier	CWT	
B35HE023	TS	BUCKET, DRAGLINE, 3.0 CY, MEDIUM WEIGHT					D-Off	D-Off	49	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.80	\$0.12	\$2.92	\$0.00	\$0.00	\$0.00	\$0.00	\$2.63	\$2.63	\$5.55
Severe	\$3.60	\$0.12	\$3.72	\$0.00	\$0.00	\$0.00	\$0.00	\$3.87	\$3.87	\$7.59
Standby	\$1.40	\$0.12							\$1.52	

* - Adjustable Elements

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Hourly Equipment Ownership and Operating Expense

B35 BUCKETS, DRAGLINE

B35 0.20 MEDIUM WEIGHT

HENDRIX MANUFACTURING COMPANY, INC.

						Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description				12/1/2017	Main	Carrier	CWT	
B35HE025	TS	BUCKET, DRAGLINE, 4.0 CY, MEDIUM WEIGHT					D-Off	D-Off	70	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.00	\$0.17	\$4.17	\$0.00	\$0.00	\$0.00	\$0.00	\$3.77	\$3.77	\$7.94
Severe	\$5.14	\$0.17	\$5.31	\$0.00	\$0.00	\$0.00	\$0.00	\$5.53	\$5.53	\$10.84
Standby	\$2.00	\$0.17							\$2.17	

B35 0.30 HEAVY WEIGHT

HENDRIX MANUFACTURING COMPANY, INC.

						Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description				12/1/2017	Main	Carrier	CWT	
B35HE040	MH-S	BUCKET, DRAGLINE, 5.0 CY, HEAVY WEIGHT					D-Off	D-Off	127	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.10	\$0.28	\$6.38	\$0.00	\$0.00	\$0.00	\$0.00	\$5.74	\$5.74	\$12.12
Severe	\$7.63	\$0.29	\$7.92	\$0.00	\$0.00	\$0.00	\$0.00	\$8.20	\$8.20	\$16.12
Standby	\$3.05	\$0.28							\$3.33	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B35 BUCKETS, DRAGLINE

B35 0.30 HEAVY WEIGHT

HENDRIX MANUFACTURING COMPANY, INC.

						Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description				12/1/2017	Main	Carrier	CWT	
B35HE041	MH-S	BUCKET, DRAGLINE, 6.0 CY, HEAVY WEIGHT					D-Off	D-Off	136	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.53	\$0.30	\$6.83	\$0.00	\$0.00	\$0.00	\$0.00	\$6.15	\$6.15	\$12.98
Severe	\$8.17	\$0.31	\$8.48	\$0.00	\$0.00	\$0.00	\$0.00	\$8.78	\$8.78	\$17.26
Standby	\$3.27	\$0.30							\$3.57	

						Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description				12/1/2017	Main	Carrier	CWT	
B35HE042	MH-S	BUCKET, DRAGLINE, 7.0 CY, HEAVY WEIGHT					D-Off	D-Off	175	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.41	\$0.39	\$8.80	\$0.00	\$0.00	\$0.00	\$0.00	\$7.91	\$7.91	\$16.71
Severe	\$10.51	\$0.39	\$10.90	\$0.00	\$0.00	\$0.00	\$0.00	\$11.30	\$11.30	\$22.20
Standby	\$4.21	\$0.39							\$4.60	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C05 CHAIN SAWS

C05 0.00 CHAIN SAWS

STIHL

							Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier		CWT
C05S7001	MS241CM	CHAIN SAW, 18" GUIDE BAR						Gas	3.1	HP	D-Off	1
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$0.26	\$0.00	\$0.26	\$0.56	\$0.09	\$0.00	\$0.00	\$0.88	\$1.53	\$1.79		
Standby	\$0.13	\$0.00							\$0.13			

							Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier		CWT
C05S7002	MS362RCM	CHAIN SAW, 25" GUIDE BAR						Gas	4.6	HP	D-Off	1
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$0.37	\$0.00	\$0.37	\$0.83	\$0.13	\$0.00	\$0.00	\$1.28	\$2.24	\$2.61		
Standby	\$0.19	\$0.00							\$0.19			

							Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier		CWT
C05S7003	MS461R	CHAIN SAW, 32" GUIDE BAR						Gas	6	HP	D-Off	1
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$0.53	\$0.01	\$0.54	\$1.09	\$0.17	\$0.00	\$0.00	\$1.82	\$3.08	\$3.62		
Standby	\$0.27	\$0.01							\$0.28			

* - Adjustable Elements

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Hourly Equipment Ownership and Operating Expense

C05 CHAIN SAWS

C05 0.00 CHAIN SAWS

STIHL

							Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier		CWT
C05S7004	MS880 MAGNUM	CHAIN SAW, 59" GUIDE BAR						Gas	8.6	HP	D-Off	1
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$0.99	\$0.01	\$1.00	\$1.56	\$0.24	\$0.00	\$0.00	\$3.41	\$5.21	\$6.21		
Standby	\$0.50	\$0.01							\$0.51			

C10 COMPACTORS, WALK-BEHIND OR REMOTE CONTROLLER

C10 0.10 COMPACTORS, RAMMERS / TAMPERS &

BOMAG

							Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description					12/1/2017	Main			Carrier	CWT
C10BO001	BT60	COMPACTOR, RAMMER, TAMPER, 9" X 13.2" SHOE, 3,372 LBS IMPACT						Gas	4	HP	D-Off	2
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$0.89	\$0.02	\$0.91	\$0.73	\$0.09	\$0.00	\$0.00	\$1.38	\$2.20	\$3.11		
Standby	\$0.45	\$0.02							\$0.47			

* - Adjustable Elements

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Hourly Equipment Ownership and Operating Expense

C10 COMPACTORS, WALK-BEHIND OR REMOTE CONTROLLER

C10 0.10 COMPACTORS, RAMMERS / TAMPERS &

BOMAG

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C10BO003	BVP 10/36	COMPACTOR, VIBROPLATE, 14.2" X 22" PLATE, 2,250 LBS IMPACT		Gas	4	HP	D-Off	2		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.60	\$0.01	\$0.61	\$0.73	\$0.09	\$0.00	\$0.00	\$0.94	\$1.75	\$2.36
Standby	\$0.30	\$0.01							\$0.31	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C10BO004	BVP 18/45	COMPACTOR, VIBROPLATE, 17.7" X 22" PLATE, 4,050 LBS IMPACT		Gas	6	HP	D-Off	2		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.61	\$0.01	\$0.62	\$1.09	\$0.13	\$0.00	\$0.00	\$0.95	\$2.17	\$2.79
Standby	\$0.31	\$0.01							\$0.32	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C10BO008	BPR 50/55 D/E	COMPACTOR, VIBROPLATE, 29.5" X 35.4" PLATE, REVERSIBLE, 11,240 LBS IMPACT		D-Off	9	HP	D-Off	9		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.48	\$0.07	\$3.55	\$0.96	\$0.11	\$0.00	\$0.00	\$5.43	\$6.50	\$10.05
Standby	\$1.74	\$0.07							\$1.81	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C10 COMPACTORS, WALK-BEHIND OR REMOTE CONTROLLER

C10 0.10 COMPACTORS, RAMMERS / TAMPERS &

WACKER CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C10WC003	DS 70	COMPACTOR, RAMMER, 13" X 13" SHOE, 3,550 LBS IMPACT		D-Off	4	HP	D-Off	2		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.39	\$0.03	\$1.42	\$0.43	\$0.05	\$0.00	\$0.00	\$2.17	\$2.65	\$4.07
Standby	\$0.70	\$0.03							\$0.73	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C10WC006	BPU 2540 A	COMPACTOR, VIBROPLATE, 19.5" X 25.5" PLATE, REVERSIBLE, 5,600 LBS IMPACT		Gas	5.5	HP	D-Off	3		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.18	\$0.02	\$1.20	\$1.00	\$0.12	\$0.00	\$0.00	\$1.85	\$2.96	\$4.16
Standby	\$0.59	\$0.02							\$0.61	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C10WC007	BPU 3750A	COMPACTOR, VIBROPLATE, 19.7" WIDE PLATE, REVERSIBLE, 8,300 LBS IMPACT		Gas	8	HP	D-Off	6		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.82	\$0.04	\$1.86	\$1.45	\$0.17	\$0.00	\$0.00	\$2.84	\$4.46	\$6.32
Standby	\$0.91	\$0.04							\$0.95	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C10 COMPACTORS, WALK-BEHIND OR REMOTE CONTROLLER

C10 0.10 COMPACTORS, RAMMERS / TAMPERS &

WACKER CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C10WC008	DPU 6555 HEC	COMPACTOR, VIBROPLATE, 22" X 35" PLATE, REVERSIBLE, 14,600 LBS IMPACT		D-Off	13.5	HP	D-Off	11		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.47	\$0.09	\$4.56	\$1.44	\$0.17	\$0.00	\$0.00	\$6.96	\$8.57	\$13.13
Standby	\$2.24	\$0.09							\$2.33	

C10 0.20 ROLLERS, VIBRATORY

BOMAG

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C10BO009	BW 55E	COMPACTOR, ROLLER, VIBRATORY, 22"W X 15.7"DIA, SINGLE SMOOTH DRUM, WALK BEHIND, 2,250 LBS IMPACT		Gas	4	HP	D-Off	4		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.66	\$0.04	\$1.70	\$0.73	\$0.09	\$0.00	\$0.00	\$2.89	\$3.71	\$5.41
Standby	\$0.83	\$0.04							\$0.87	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C10 COMPACTORS, WALK-BEHIND OR REMOTE CONTROLLER

C10 0.20 ROLLERS, VIBRATORY

BOMAG

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C10BO011	BW 65H	COMPACTOR, ROLLER, VIBRATORY, 25.6"W X 15.7"DIA, DOUBLE SMOOTH DRUMS, WALK BEHIND, 4,950 LBS IMPACT		D-On	8.3	HP	D-Off	16		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.06	\$0.09	\$4.15	\$1.07	\$0.13	\$0.00	\$0.00	\$7.07	\$8.26	\$12.41
Standby	\$2.03	\$0.09							\$2.12	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C10BO013	BMP8500	COMPACTOR, TRENCH ROLLER, VIBRATORY, 33.5"W X 20.5"DIA, DOUBLE TAMPING FOOT DRUMS, WALK BEHIND, 16,200 LBS IMPACT		D-On	19.4	HP	D-Off	35		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.52	\$0.22	\$9.74	\$2.49	\$0.29	\$0.00	\$0.00	\$16.58	\$19.37	\$29.11
Standby	\$4.76	\$0.22							\$4.98	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C10 COMPACTORS, WALK-BEHIND OR REMOTE CONTROLLER

C10 0.20 ROLLERS, VIBRATORY

MULTIQUIP, INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C10MU001	MRH800GS	COMPACTOR, TRENCH ROLLER, VIBRATORY, 23"W X 14.6"DIA, QUAD PADFOOT DRUMS, WALK BEHIND, 7,875 LBS IMPACT		D-Off	11	HP	D-Off	16		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.15	\$0.09	\$4.24	\$1.17	\$0.14	\$0.00	\$0.00	\$7.23	\$8.54	\$12.78
Standby	\$2.08	\$0.09							\$2.17	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C10MU002	RX157533	COMPACTOR, TRENCH ROLLER, VIBRATORY, 33"W X 21.7"DIA, QUAD PADFOOT DRUMS, WALK BEHIND, 15,652 LBS IMPACT		D-Off	20	HP	D-Off	32		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.97	\$0.20	\$9.17	\$2.13	\$0.25	\$0.00	\$0.00	\$15.63	\$18.00	\$27.17
Standby	\$4.49	\$0.20							\$4.69	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C10 COMPACTORS, WALK-BEHIND OR REMOTE CONTROLLER

C10 0.20 ROLLERS, VIBRATORY

MULTIQUIP, INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C10MU003	AR14H	COMPACTOR, TRENCH ROLLER, VIBRATORY, 47"W X 22"DIA, QUAD PADFOOT DRUMS, RIDE ON, 21,600 LBS IMPACT		D-Off	21	HP	D-Off	29		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.24	\$0.10	\$4.34	\$2.24	\$0.26	\$0.00	\$0.00	\$7.39	\$9.89	\$14.23
Standby	\$2.12	\$0.10							\$2.22	

WACKER CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C10WC010	RSS800A	COMPACTOR, ROLLER, VIBRATORY, 28"W X 22"DIA, SINGLE SMOOTH DRUM, WALK BEHIND, 3,400 LBS IMPACT		Gas	11	HP	D-Off	11		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.06	\$0.07	\$3.13	\$2.00	\$0.23	\$0.00	\$0.00	\$5.34	\$7.57	\$10.70
Standby	\$1.53	\$0.07							\$1.60	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C10 COMPACTORS, WALK-BEHIND OR REMOTE CONTROLLER

C10 0.20 ROLLERS, VIBRATORY

WACKER CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C10WC016	RTL 82-SC3	COMPACTOR, TRENCH ROLLER, VIBRATORY, 32"W X 20"DIA, DOUBLE TAMPING FOOT DRUMS, WALK BEHIND, 7,700/15,000 LBS IMPACT		D-On	19.8	HP	D-Off	32		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.15	\$0.21	\$9.36	\$2.55	\$0.30	\$0.00	\$0.00	\$15.95	\$18.80	\$28.16
Standby	\$4.58	\$0.21							\$4.79	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C10WC017	RD7H ES	COMPACTOR, ROLLER, VIBRATORY,25.5"W X 16.5"DIA, DOUBLE SMOOTH DRUM, WALK BEHIND, 2,925 LBS IMPACT		D-Off	9	HP	D-Off	16		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.08	\$0.09	\$4.17	\$0.96	\$0.11	\$0.00	\$0.00	\$7.12	\$8.19	\$12.36
Standby	\$2.04	\$0.09							\$2.13	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C15 CONCRETE CLEANERS / ABRASIVE BLASTERS

C15 0.10 WALK BEHIND

BLASTRAC										
						Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description				12/1/2017	Main		Carrier	CWT
C15BL001	1-8 DEC MKI&BDC-1216	CONCRETE BLASTER CLEANING SYSTEM, WALK BEHIND, 8" PATH (ADD 4 KVA GENERATOR & BLAST MEDIA COST)					Elec	2	HP D-Off	2
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.63	\$0.04	\$1.67	\$0.20	\$0.62	\$0.00	\$0.00	\$2.26	\$3.08	\$4.75
Standby	\$0.82	\$0.04							\$0.86	

						Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description				12/1/2017	Main		Carrier	CWT
C15BL003	1-10DSG1 & BDC66HLG	CONCRETE BLASTER CLEANING SYSTEM, WALK BEHIND, 10" PATH (ADD 30 KVA GENERATOR & BLAST MEDIA COST)					Elec	10	HP D-Off	7
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.27	\$0.23	\$9.50	\$1.01	\$2.12	\$0.00	\$0.00	\$12.86	\$15.99	\$25.49
Standby	\$4.64	\$0.23							\$4.87	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C15 CONCRETE CLEANERS / ABRASIVE BLASTERS

C15 0.10 WALK BEHIND

BLASTRAC										
						Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description				12/1/2017	Main		Carrier	CWT
C15BL004	1-15DSG1 & BDC66HLG	CONCRETE BLASTER CLEANING SYSTEM, WALK BEHIND, 15" PATH (ADD 30 KVA GENERATOR & BLAST MEDIA COST)					Elec	15	HP D-Off	8
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$10.28	\$0.25	\$10.53	\$1.51	\$2.67	\$0.00	\$0.00	\$14.27	\$18.45	\$28.98
Standby	\$5.14	\$0.25							\$5.39	

						Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description				12/1/2017	Main		Carrier	CWT
C15BL005	2-20DTMKII& BDC99DBP	CONCRETE BLASTER CLEANING SYSTEM, WALK BEHIND, 20" PATH (ADD 75 KVA GENERATOR & BLAST MEDIA COST)					Elec	30	HP D-Off	12
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$13.65	\$0.34	\$13.99	\$3.02	\$3.84	\$0.00	\$0.00	\$18.95	\$25.81	\$39.80
Standby	\$6.83	\$0.34							\$7.17	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C15 CONCRETE CLEANERS / ABRASIVE BLASTERS

C15 0.10 WALK BEHIND

EQUIPMENT DEVELOPMENT CO., INC. (EDCO)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
C15ED001	TLR-7	CONCRETE GRINDER, WALK BEHIND, TRAFFIC LINE REMOVER, 7" CUTTING WIDTH		Gas	11	HP	D-Off		5	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.84	\$0.05	\$1.89	\$1.55	\$0.24	\$0.00	\$0.00	\$2.56	\$4.35	\$6.24
Standby	\$0.92	\$0.05							\$0.97	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
C15ED002	CPM-8	CONCRETE GRINDER, WALK BEHIND, TRAFFIC LINE REMOVER, SCARIFIER, 8" CUTTING PATH		Gas	9	HP	D-Off		2	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.89	\$0.02	\$0.91	\$1.27	\$0.20	\$0.00	\$0.00	\$1.23	\$2.70	\$3.61
Standby	\$0.45	\$0.02							\$0.47	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C15 CONCRETE CLEANERS / ABRASIVE BLASTERS

C15 0.20 TRUCK/TRAILER MOUNTED

BLASTRAC

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C15BL006	2-4800 DH MKV	CONCRETE BLASTER, SELF PROPELLED, 48" PATH		D-On	350	HP	D-Off	255		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$47.24	\$2.13	\$49.37	\$47.09	\$6.44	\$0.00	\$0.00	\$65.57	\$119.11	\$168.48
Standby	\$23.62	\$2.13							\$25.75	

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C15XX001	BPZ 20-360	CONCRETE CLEANER/SHOT BLASTER, SELF PROPELLED, RIDE-ON, 20" BLAST WIDTH, UP TO 3,800 SF/HR		Gas	115	HP	D-Off	40		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.41	\$0.42	\$9.83	\$22.15	\$3.46	\$0.00	\$0.00	\$13.07	\$38.68	\$48.51
Standby	\$4.71	\$0.42							\$5.13	

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

C20 CONCRETE BUGGIES

C20 0.00 CONCRETE BUGGIES

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
C20XX001	WBH-16	CONCRETE BUGGY, 16 CF BUCKET, 2,500 LBS		Gas	12	HP	D-Off		14	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.67	\$0.04	\$1.71	\$1.69	\$0.26	\$0.06	\$0.01	\$1.82	\$3.84	\$5.55
Standby	\$0.84	\$0.04							\$0.88	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
C20XX002	107TT	CONCRETE BUGGY, 11.5 CF BUCKET, 1,500 LBS, CRAWLER MTD		Gas	8	HP	D-Off		14	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.54	\$0.06	\$2.60	\$1.13	\$0.18	\$0.00	\$0.00	\$2.74	\$4.05	\$6.65
Standby	\$1.27	\$0.06							\$1.33	

WACKER CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
C20WC001	DUMPER 3001	ARTICULATED BUGGY, 1.7 CY, 3.3 TON, 4X4, FRONT AND/OR SIDE DUMP		D-Off	34	HP	D-Off		56	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.89	\$0.25	\$10.14	\$2.87	\$0.39	\$0.20	\$0.04	\$10.74	\$14.24	\$24.38
Standby	\$4.95	\$0.25							\$5.20	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C20 CONCRETE BUGGIES

C25 CONCRETE FINISHERS/SCREEDS/SPREADERS

C25 0.10 FINISHERS/TROWELS

ALLEN ENGINEERING CORP.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
C25AJ020	TR MP215	CONCRETE TROWEL, RIDING, 2 - 36" DIA ROTORS, 4 BLADED SPIDER, 145 RPM		Gas	22	HP	D-Off		8	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.03	\$0.06	\$2.09	\$3.10	\$0.48	\$0.00	\$0.00	\$2.50	\$6.08	\$8.17
Standby	\$1.02	\$0.06							\$1.08	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
C25AJ021	TR MP315	CONCRETE TROWEL, RIDING, 2 - 46" DIA ROTORS, 4 BLADED SPIDER, 145 RPM		Gas	22	HP	D-Off		9	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.49	\$0.07	\$2.56	\$3.10	\$0.48	\$0.00	\$0.00	\$3.07	\$6.66	\$9.22
Standby	\$1.25	\$0.07							\$1.32	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C25 CONCRETE FINISHERS/SCREEDS/SPREADERS

C25 0.10 FINISHERS/TROWELS

ALLEN ENGINEERING CORP.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
C25AJ022	TR MSP445	CONCRETE TROWEL, RIDING, 2 - 46" DIA ROTORS, 5 BLADED SPIDER, 165 RPM		Gas	40	HP	D-Off		11	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.32	\$0.10	\$3.42	\$5.64	\$0.88	\$0.00	\$0.00	\$4.10	\$10.62	\$14.04
Standby	\$1.66	\$0.10							\$1.76	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
C25AJ029	436P	CONCRETE FINISHER, WALK BEHIND, POWER ROTO TROWEL, 36" DIA ROTOR, 4 BLADES, 120 RPM		Gas	9	HP	D-Off		2	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.55	\$0.02	\$0.57	\$1.27	\$0.20	\$0.00	\$0.00	\$0.68	\$2.15	\$2.72
Standby	\$0.28	\$0.02							\$0.30	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
C25AJ030	MSP 455	CONCRETE TROWEL, RIDING, 2-46" DIA, 5 BLADED SPIDER, 165 RPM		Gas	37	HP	D-Off		12	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.07	\$0.12	\$4.19	\$5.22	\$0.82	\$0.00	\$0.00	\$5.02	\$11.06	\$15.25
Standby	\$2.04	\$0.12							\$2.16	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C25 CONCRETE FINISHERS/SCREEDS/SPREADERS

C25 0.10 FINISHERS/TROWELS

MULTIQUIP, INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
C25MU001	J36H90H	CONCRETE FINISHER, WALK BEHIND, ROTO TROWEL, 36" DIA ROTOR, 4 BLADES		Gas	8	HP	D-Off		3	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.44	\$0.01	\$0.45	\$1.13	\$0.18	\$0.00	\$0.00	\$0.54	\$1.85	\$2.30
Standby	\$0.22	\$0.01							\$0.23	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
C25MU002	B46H11H	CONCRETE FINISHER, WALK BEHIND, ROTO TROWEL, 46" DIA ROTOR, 4 BLADES		Gas	9	HP	D-Off		3	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.52	\$0.02	\$0.54	\$1.27	\$0.20	\$0.00	\$0.00	\$0.64	\$2.11	\$2.65
Standby	\$0.26	\$0.02							\$0.28	

WACKER CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
C25WC002	CT48-8A	CONCRETE FINISHER, WALK BEHIND, POWER TROWEL, 48" DIA ROTOR, 4 BLADES		Gas	7.1	HP	D-Off		3	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.41	\$0.01	\$0.42	\$1.00	\$0.16	\$0.00	\$0.00	\$0.50	\$1.66	\$2.08
Standby	\$0.21	\$0.01							\$0.22	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C25 CONCRETE FINISHERS/SCREEDS/SPREADERS

C25 0.10 FINISHERS/TROWELS

C25 0.20 VIBRATORY SCREED

ALLEN ENGINEERING CORP.

							Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier		CWT
C25AJ024	SA12	CONCRETE, PNEUMATIC VIBRATORY SCREED, VARIABLE WIDTH 65' MAX WIDTH (ADD 100CFM COMPRESSOR)						D-Off		D-Off		12
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$2.37	\$0.07	\$2.44	\$0.00	\$0.00	\$0.00	\$0.00	\$2.92	\$2.92	\$5.36		
Standby	\$1.19	\$0.07							\$1.26			

							Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier		CWT
C25AJ026	HD7070 10'	CONCRETE, VIBRATORY POWER SCREED, 10' WIDTH						Gas	1.5	HP	D-Off	1
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$0.41	\$0.01	\$0.42	\$0.21	\$0.03	\$0.00	\$0.00	\$0.50	\$0.75	\$1.17		
Standby	\$0.21	\$0.01							\$0.22			

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C25 CONCRETE FINISHERS/SCREEDS/SPREADERS

C25 0.20 VIBRATORY SCREED

ALLEN ENGINEERING CORP.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C25AJ027	HD7070 16'	CONCRETE, VIBRATORY POWER SCREED, 16' WIDTH		Gas	1.5	HP	D-Off	1		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.46	\$0.01	\$0.47	\$0.21	\$0.03	\$0.00	\$0.00	\$0.57	\$0.81	\$1.28
Standby	\$0.23	\$0.01							\$0.24	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C25AJ028	RTF EPU ROLLER	CONCRETE, ROLLER TUBE FINISHER, UP TO 24' WIDTH, 4.5" DIA		Gas	2.5	HP	D-Off	2		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.60	\$0.02	\$0.62	\$0.35	\$0.05	\$0.00	\$0.00	\$0.74	\$1.14	\$1.76
Standby	\$0.30	\$0.02							\$0.32	

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C25XX001	10' POWER SCREED	CONCRETE, VIBRATORY POWER SCREED, 10' WIDTH		Gas	1	HP	D-Off	1		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.29	\$0.01	\$0.30	\$0.14	\$0.02	\$0.00	\$0.00	\$0.35	\$0.51	\$0.81
Standby	\$0.15	\$0.01							\$0.16	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C25 CONCRETE FINISHERS/SCREEDS/SPREADERS

C25 0.20 VIBRATORY SCREED

NO SPECIFIC MANUFACTURER

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
C25XX002	15' POWER SCREED	CONCRETE, VIBRATORY POWER SCREED, 15' WIDTH			Gas	9	HP	D-Off	6	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.93	\$0.06	\$1.99	\$1.27	\$0.20	\$0.00	\$0.00	\$2.38	\$3.85	\$5.84
Standby	\$0.97	\$0.06							\$1.03	

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
C25XX003	20' POWER SCREED	CONCRETE, VIBRATORY POWER SCREED, 20' WIDTH			Gas	9	HP	D-Off	7	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.02	\$0.06	\$2.08	\$1.27	\$0.20	\$0.00	\$0.00	\$2.49	\$3.96	\$6.04
Standby	\$1.01	\$0.06							\$1.07	

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
C25XX004	25' POWER SCREED	CONCRETE, VIBRATORY POWER SCREED, 25' WIDTH			Gas	9	HP	D-Off	7	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.17	\$0.06	\$2.23	\$1.27	\$0.20	\$0.00	\$0.00	\$2.68	\$4.14	\$6.37
Standby	\$1.09	\$0.06							\$1.15	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C25 CONCRETE FINISHERS/SCREEDS/SPREADERS

C25 0.20 VIBRATORY SCREED

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C25XX005	30' POWER SCREED	CONCRETE, VIBRATORY POWER SCREED, 30' WIDTH		Gas	9	HP	D-Off	8		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.33	\$0.07	\$2.40	\$1.27	\$0.20	\$0.00	\$0.00	\$2.88	\$4.35	\$6.75
Standby	\$1.17	\$0.07							\$1.24	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C25XX006	35' POWER SCREED	CONCRETE, VIBRATORY POWER SCREED, 35' WIDTH		Gas	11	HP	D-Off	8		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.52	\$0.08	\$2.60	\$1.55	\$0.24	\$0.00	\$0.00	\$3.11	\$4.90	\$7.50
Standby	\$1.26	\$0.08							\$1.34	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C25XX007	4' POWER SCREED	CONCRETE, VIBRATORY POWER SCREED, 4' WIDTH		Gas	1	HP	D-Off	1		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.27	\$0.01	\$0.28	\$0.14	\$0.02	\$0.00	\$0.00	\$0.33	\$0.50	\$0.78
Standby	\$0.14	\$0.01							\$0.15	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C25 CONCRETE FINISHERS/SCREEDS/SPREADERS

C25 0.20 VIBRATORY SCREED

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C25XX008	40' POWER SCREED	CONCRETE, VIBRATORY POWER SCREED, 40' WIDTH		Gas	11	HP	D-Off	10		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.69	\$0.08	\$2.77	\$1.55	\$0.24	\$0.00	\$0.00	\$3.32	\$5.11	\$7.88
Standby	\$1.35	\$0.08							\$1.43	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C25XX009	45' POWER SCREED	CONCRETE, VIBRATORY POWER SCREED, 45' WIDTH		Gas	11	HP	D-Off	11		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.84	\$0.08	\$2.92	\$1.55	\$0.24	\$0.00	\$0.00	\$3.51	\$5.30	\$8.22
Standby	\$1.42	\$0.08							\$1.50	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C25XX010	50' POWER SCREED	CONCRETE, VIBRATORY POWER SCREED, 50' WIDTH		Gas	11	HP	D-Off	12		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.01	\$0.09	\$3.10	\$1.55	\$0.24	\$0.00	\$0.00	\$3.71	\$5.50	\$8.60
Standby	\$1.51	\$0.09							\$1.60	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C25 CONCRETE FINISHERS/SCREEDS/SPREADERS

C25 0.20 VIBRATORY SCREED

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C25XX011	55' POWER SCREED	CONCRETE, VIBRATORY POWER SCREED, 55' WIDTH		Gas	11	HP	D-Off	13		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.16	\$0.09	\$3.25	\$1.55	\$0.24	\$0.00	\$0.00	\$3.90	\$5.69	\$8.94
Standby	\$1.58	\$0.09							\$1.67	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C25XX012	6' POWER SCREED	CONCRETE, VIBRATORY POWER SCREED, 6' WIDTH		Gas	2	HP	D-Off	1		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.28	\$0.01	\$0.29	\$0.28	\$0.04	\$0.00	\$0.00	\$0.34	\$0.67	\$0.96
Standby	\$0.14	\$0.01							\$0.15	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C25XX013	60' POWER SCREED	CONCRETE, VIBRATORY POWER SCREED, 60' WIDTH		Gas	11	HP	D-Off	14		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.33	\$0.10	\$3.43	\$1.55	\$0.24	\$0.00	\$0.00	\$4.11	\$5.90	\$9.33
Standby	\$1.67	\$0.10							\$1.77	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C25 CONCRETE FINISHERS/SCREEDS/SPREADERS

C25 0.20 VIBRATORY SCREED

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
C25XX014	65' POWER SCREED	CONCRETE, VIBRATORY POWER SCREED, 65' WIDTH		Gas	11	HP	D-Off		15	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.48	\$0.10	\$3.58	\$1.55	\$0.24	\$0.00	\$0.00	\$4.30	\$6.09	\$9.67
Standby	\$1.74	\$0.10							\$1.84	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
C25XX015	8' POWER SCREED	CONCRETE, VIBRATORY POWER SCREED, 8' WIDTH		Gas	1	HP	D-Off		1	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.28	\$0.01	\$0.29	\$0.14	\$0.02	\$0.00	\$0.00	\$0.35	\$0.51	\$0.80
Standby	\$0.14	\$0.01							\$0.15	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C25 CONCRETE FINISHERS/SCREEDS/SPREADERS

C25 0.25 VIBRATORY LASER SCREED

SOMERO ENTERPRISES, INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
C25SV004	S-485	CONCRETE, VIBRATORY LASER SCREED, WALK BEHIND, 8' WIDTH		Gas	21	HP	D-Off		11	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.38	\$0.41	\$7.79	\$2.78	\$0.58	\$0.10	\$0.02	\$7.82	\$11.29	\$19.08
Standby	\$3.69	\$0.41							\$4.10	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
C25SV005	S-840	CONCRETE, VIBRATORY SCREED, WALK BEHIND, 8' WIDTH		Gas	21	HP	D-Off		16	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.17	\$0.51	\$9.68	\$2.78	\$0.58	\$0.10	\$0.02	\$9.72	\$13.19	\$22.87
Standby	\$4.59	\$0.51							\$5.10	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
C25SV008	MINI SCREED C	CONCRETE, VIBRATORY LASER SCREED, WALK BEHIND, 80" SCREED WIDTH		Gas	6	HP	D-Off		5	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.27	\$0.18	\$3.45	\$0.79	\$0.16	\$0.05	\$0.01	\$3.47	\$4.49	\$7.94
Standby	\$1.64	\$0.18							\$1.82	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C25 CONCRETE FINISHERS/SCREEDS/SPREADERS

C25 0.25 VIBRATORY LASER SCREED

SOMERO ENTERPRISES, INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C25SV009	S-10A	CONCRETE, VIBRATORY LASER SCREED, 10' WIDTH X 20' BOOM		D-Off	35	HP	D-Off	75		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$14.83	\$0.82	\$15.65	\$2.69	\$0.49	\$0.10	\$0.02	\$15.71	\$19.01	\$34.66
Standby	\$7.42	\$0.82							\$8.24	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C25SV010	S-15R	CONCRETE, VIBRATORY LASER SCREED, 10' WIDTH X 20' BOOM		D-Off	44.3	HP	D-Off	97		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$31.85	\$1.75	\$33.60	\$3.41	\$0.63	\$0.10	\$0.02	\$33.70	\$37.86	\$71.46
Standby	\$15.93	\$1.75							\$17.68	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C25SV011	S-22E	CONCRETE, VIBRATORY LASER SCREED, 14' WIDTH X 20' BOOM		D-Off	65	HP	D-Off	136		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$39.37	\$2.16	\$41.53	\$5.00	\$0.92	\$0.10	\$0.02	\$41.66	\$47.70	\$89.23
Standby	\$19.69	\$2.16							\$21.85	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C25 CONCRETE FINISHERS/SCREEDS/SPREADERS

C25 0.30 MATERIAL/TOPPING SPREADERS

SOMERO ENTERPRISES, INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
C25SV006	STS-11M	CONCRETE, MATERIAL/TOPPING SPREADER, 6' WIDTH, 20' BOOM		D-Off	35	HP	D-Off		90	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$12.64	\$0.70	\$13.34	\$2.69	\$0.49	\$0.10	\$0.02	\$13.39	\$16.70	\$30.04
Standby	\$6.32	\$0.70							\$7.02	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
C25SV007	XD 3.0	CONCRETE, VIBRATORY LASER SCREED, WALK BEHIND, 10' WIDTH		Gas	14	HP	D-Off		9	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.25	\$0.34	\$6.59	\$1.85	\$0.38	\$0.06	\$0.01	\$6.62	\$8.92	\$15.51
Standby	\$3.13	\$0.34							\$3.47	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C35 CONCRETE GUNITERS / SHOTCRETERS

C35 0.00 CONCRETE GUNITERS / SHOTCRETERS

AIRPLACO EQUIPMENT CO., INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C35AF001	AG-15 WITH 634D MIXR	DRY-MIX GUNITE BATCH PLANT & PUMP, MAX 13 CY/HR, TRAILER MOUNTED, INCLUDES GUN		D-Off	30	HP	D-Off	43		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.16	\$0.40	\$9.56	\$2.68	\$0.37	\$0.05	\$0.01	\$13.58	\$16.69	\$26.25
Standby	\$4.58	\$0.40							\$4.98	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C35AF002	C-10SL	GUNITE MACHINE, MAX 15 CY/HR, HOPPER, 9 HP AIR POWERED, 3/4" MAX AGGREGATE, 300' MAX VERTICAL, 1000' MAX HORIZONTAL (ADD 365-900 CFM COMPRESSOR		D-Off		D-Off		6		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.51	\$0.07	\$1.58	\$0.00	\$0.00	\$0.00	\$0.00	\$2.24	\$2.24	\$3.82
Standby	\$0.76	\$0.07							\$0.83	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C35 CONCRETE GUNITERS / SHOTCRETERS

C35 0.00 CONCRETE GUNITERS / SHOTCRETERS

AIRPLACO EQUIPMENT CO., INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C35AF004	634D	DRY-MIX GUNITE BATCH PLANT & PUMP, MAX 13 CY/HR, TRAILER MOUNTED		D-Off	30	HP	D-Off	43		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.60	\$0.34	\$7.94	\$2.68	\$0.37	\$0.05	\$0.01	\$11.27	\$14.37	\$22.31
Standby	\$3.80	\$0.34							\$4.14	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C35AF014	C10HHD	GUNITE MACHINE, MAX 15 CY/HR, HYDRAULIC MOTOR, 3/4" MAX AGGREGATE, 300' MAX VERTICAL, 1000' MAX HORIZONTAL (ADD 365-900 CFM COMPRESSOR)		D-Off		D-Off		8		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.27	\$0.06	\$1.33	\$0.00	\$0.00	\$0.00	\$0.00	\$1.88	\$1.88	\$3.21
Standby	\$0.64	\$0.06							\$0.70	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C35 CONCRETE GUNITERS / SHOTCRETERS

C35 0.00 CONCRETE GUNITERS / SHOTCRETERS

EQUIPMENT NORTH

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C35EN001	HALMAN EN CRETER	CONCRETE GUNITERS / SHOTCRETERS, SHOTCRETE HYDRAULIC SPRAYER ARM, 24' REACH (ADD TRUCK OR SMALL TRAILER & SHOTCRETE UNIT)		Elec	40	HP	D-Off	91		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$19.75	\$0.87	\$20.62	\$4.32	\$4.87	\$0.00	\$0.00	\$29.24	\$38.43	\$59.05
Standby	\$9.88	\$0.87							\$10.75	

PUTZMEISTER INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C35PU001	R-900 BATCH MIX RIG	CONCRETE GUNITER/SHOTCRETER, DRY BATCH MIXER, 10 TON/HR, W/ELEVATOR FEEDER/ 20 CF CEMENT HOPPER/ 8 CF MIXER/ & PREDAMPENING SPRAY BAR, TRAILER MTD (ADD SHOTCRETE MACHINE OR ROTARY PUMP)		D-Off	35	HP	D-Off	47		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.03	\$0.22	\$5.25	\$3.12	\$1.43	\$0.11	\$0.02	\$7.48	\$12.15	\$17.40
Standby	\$2.52	\$0.22							\$2.74	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C35 CONCRETE GUNTERS / SHOTCRETERS

C35 0.00 CONCRETE GUNTERS / SHOTCRETERS

PUTZMEISTER INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
C35PU002	GRH-610 ROTARY GUN	CONCRETE GUNTER/SHOTCRETER, ROTARY PUMP, WET/DRY, 1 - 6 CY/HR, W/HOPPER/ 100' - 1.5" DIA HOSE/ & NOZZLE, CART MTD, (ADD 250 - 600 CFM COMPRESSOR)		Elec	5	HP	D-Off		11	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.02	\$0.09	\$2.11	\$0.54	\$0.49	\$0.00	\$0.00	\$2.99	\$4.01	\$6.12
Standby	\$1.01	\$0.09							\$1.10	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
C35PU003	N-2 PNEUMATIC GUN	CONCRETE GUNTER/SHOTCRETER, DRY MIX, 2 - 8 CY/HR, W/2 PRESSURIZED TANKS/ 100' - 1.5" DIA HOSE/ & NOZZLE (ADD 200 - 900 CFM COMPRESSOR)		Air	9	CFM	D-Off		13	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.20	\$0.14	\$3.34	\$0.00	\$0.30	\$0.00	\$0.00	\$4.73	\$5.03	\$8.37
Standby	\$1.60	\$0.14							\$1.74	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C35 CONCRETE GUNITERS / SHOTCRETERS

C35 0.00 CONCRETE GUNITERS / SHOTCRETERS

PUTZMEISTER INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C35PU004	AG-15 AUTOMATI C GUN	CONCRETE GUNITER/SHOTCRETER, ROTARY PUMP, WET/DRY, 3 - 15 CY/HR (ADD 300 - 900 CFM COMPRESSOR)		Air	9	CFM	D-Off	7		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.62	\$0.07	\$1.69	\$0.00	\$0.40	\$0.00	\$0.00	\$2.40	\$2.80	\$4.49
Standby	\$0.81	\$0.07							\$0.88	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C35PU005	TK10	CONCRETE GUNITER/SHOTCRETER, GROUT/MUD JACK/ SHOTCRETE, 7 CY/HR, 2,085 PSI, 8 CF HOPPER, TRAILER MTD (ADD 3" HOSE LINE)		D-Off	61	HP	D-Off	40		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.80	\$0.26	\$6.06	\$5.45	\$1.25	\$0.05	\$0.01	\$8.60	\$15.36	\$21.42
Standby	\$2.90	\$0.26							\$3.16	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C35 CONCRETE GUNITERS / SHOTCRETERS

C35 0.00 CONCRETE GUNITERS / SHOTCRETERS

PUTZMEISTER INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C35PU006	TK40	CONCRETE PUMP/SHOTCRETER, UP TO 40 CY/HR, 1150 PSI, 9.5 CF HOPPER, TRAILER MTD (ADD 3" HOSE LINE)		D-Off	68	HP	D-Off	56		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.79	\$0.34	\$8.13	\$6.07	\$0.83	\$0.08	\$0.01	\$11.55	\$18.54	\$26.67
Standby	\$3.90	\$0.34							\$4.24	

REED MANUFACTURING

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C35RQ001	SOVA	CONCRETE GUNITER/SHOTCRETER, DRY MIX, UP TO 9 CY/HR, DUST EXTRACTION SYSTEM, 3/8" MAX AGGREGATE (ADD 315 CFM AIR COMPRESSOR)		D-Off		D-Off		5		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.39	\$0.11	\$2.50	\$0.00	\$1.00	\$0.00	\$0.00	\$3.54	\$4.54	\$7.04
Standby	\$1.20	\$0.11							\$1.31	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C35 CONCRETE GUNITERS / SHOTCRETERS

C35 0.00 CONCRETE GUNITERS / SHOTCRETERS

REED MANUFACTURING

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C35RQ002	LOVA 16	CONCRETE GUNITER/SHOTCRETER, DRY MIX, UP TO 12 CY/HR, DUST EXTRACTION SYSTEM, 5/8" MAX AGGREGATE (ADD 450 CFM AIR COMPRESSOR)		D-Off		D-Off		7		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.58	\$0.07	\$1.65	\$0.00	\$2.00	\$0.00	\$0.00	\$2.34	\$4.34	\$5.99
Standby	\$0.79	\$0.07							\$0.86	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C35RQ004	209E	CONCRETE GUNITER, DRY MIX, UP TO 9 CY/HR, DUST EXTRACTION SYSTEM, 3/8" MAX AGGREGATE (ADD 5KW GENERATOR)		Elec	5	HP	D-Off	5		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.05	\$0.13	\$3.18	\$0.54	\$0.30	\$0.00	\$0.00	\$4.51	\$5.35	\$8.53
Standby	\$1.53	\$0.13							\$1.66	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C40 CONCRETE MIXING UNITS

C40 0.00 CONCRETE MIXING UNITS

CEMEN TECH

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C40CC001	SCD2-50	CONCRETE MIXERS, STATIONARY CONCRETE DISPENSER, 15 CY/HR, 2 - 4.5 CY MATERIAL CAPACITY		Elec	10	HP	D-Off	23		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.85	\$0.26	\$9.11	\$1.01	\$0.62	\$0.00	\$0.00	\$10.91	\$12.54	\$21.65
Standby	\$4.43	\$0.26							\$4.69	

MULTIQUIP, INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C40MU001	WM70SH8	CONCRETE MIXERS, MIXER, PLASTER/MORTAR, 7 CF, TRAILER MTD		Gas	8	HP	D-Off	8		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.61	\$0.02	\$0.63	\$1.13	\$0.18	\$0.04	\$0.01	\$0.76	\$2.11	\$2.74
Standby	\$0.31	\$0.02							\$0.33	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C40 CONCRETE MIXING UNITS

C40 0.00 CONCRETE MIXING UNITS

MULTIQUIP, INC.

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
C40MU002	WM120SHH D	CONCRETE MIXERS, MIXER, PLASTER/MORTAR, 12 CF, TRAILER MTD			Gas	13	HP	D-Off	11	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.29	\$0.04	\$1.33	\$1.83	\$0.29	\$0.04	\$0.01	\$1.60	\$3.76	\$5.09
Standby	\$0.65	\$0.04							\$0.69	

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
C40MU003	MC64SH8	CONCRETE MIXERS, MIXER, CONCRETE, 6 CF, TRAILER MTD			Gas	8	HP	D-Off	7	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.62	\$0.02	\$0.64	\$1.13	\$0.18	\$0.04	\$0.01	\$0.77	\$2.12	\$2.76
Standby	\$0.31	\$0.02							\$0.33	

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
C40MU004	MC94SH8	CONCRETE MIXERS, MIXER, CONCRETE, 9 CF, TRAILER MTD			Gas	8	HP	D-Off	8	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.71	\$0.02	\$0.73	\$1.13	\$0.18	\$0.04	\$0.01	\$0.88	\$2.23	\$2.96
Standby	\$0.36	\$0.02							\$0.38	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C40 CONCRETE MIXING UNITS

C40 0.00 CONCRETE MIXING UNITS

MULTIQUIP, INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C40MU005	MC44SE	CONCRETE MIXERS, MIXER, CONCRETE, 4 CF, TRAILER MTD		Elec	0.5	HP	D-Off	5		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.36	\$0.01	\$0.37	\$0.05	\$0.23	\$0.05	\$0.01	\$0.46	\$0.79	\$1.16
Standby	\$0.18	\$0.01							\$0.19	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C40MU006	MC44SH	CONCRETE MIXERS, MIXER, CONCRETE, 4 CF, TRAILER MTD		Gas	5.5	HP	D-Off	5		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.43	\$0.01	\$0.44	\$0.78	\$0.12	\$0.05	\$0.01	\$0.54	\$1.49	\$1.93
Standby	\$0.22	\$0.01							\$0.23	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C40MU007	MC64SE	CONCRETE MIXERS, MIXER, CONCRETE, 6 CF, TRAILER MTD		Elec	2	HP	D-Off	7		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.54	\$0.02	\$0.56	\$0.20	\$0.37	\$0.05	\$0.01	\$0.67	\$1.30	\$1.86
Standby	\$0.27	\$0.02							\$0.29	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C40 CONCRETE MIXING UNITS

C40 0.00 CONCRETE MIXING UNITS

MULTIQUIP, INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C40MU008	MC94SE	CONCRETE MIXERS, MIXER, CONCRETE, 9 CF, TRAILER MTD		Elec	1.5	HP	D-Off	8		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.68	\$0.02	\$0.70	\$0.15	\$0.39	\$0.05	\$0.01	\$0.85	\$1.45	\$2.15
Standby	\$0.34	\$0.02							\$0.36	

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C40XX001	6E	CONCRETE MIXERS, MIXER, PLASTER/MORTAR, 6 CF, ELECTRIC, PORTABLE		Elec	5.5	HP	D-Off	5		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.51	\$0.02	\$0.53	\$0.55	\$0.54	\$0.00	\$0.00	\$0.63	\$1.72	\$2.25
Standby	\$0.26	\$0.02							\$0.28	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C40XX002	9.5G	CONCRETE MIXERS, MIXER, PLASTER/MORTAR, 9.5 CF, GAS, PORTABLE		Gas	5.5	HP	D-Off	7		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.56	\$0.02	\$0.58	\$0.78	\$0.12	\$0.00	\$0.00	\$0.69	\$1.60	\$2.18
Standby	\$0.28	\$0.02							\$0.30	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C40 CONCRETE MIXING UNITS

C40 0.00 CONCRETE MIXING UNITS

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C40XX003	9.5E	CONCRETE MIXERS, MIXER, PLASTER/MORTAR, 9.5 CF, ELECTRIC, PORTABLE		Elec	1.5	HP	D-Off	5		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.58	\$0.02	\$0.60	\$0.15	\$0.29	\$0.00	\$0.00	\$0.71	\$1.15	\$1.75
Standby	\$0.29	\$0.02							\$0.31	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C40XX005	12E	CONCRETE MIXERS, MIXER, PLASTER/MORTAR, 12 CF, ELECTRIC, PORTABLE		Elec	5	HP	D-Off	12		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.82	\$0.02	\$0.84	\$0.50	\$0.55	\$0.00	\$0.00	\$1.01	\$2.07	\$2.91
Standby	\$0.41	\$0.02							\$0.43	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C40XX006	16E	CONCRETE MIXERS, MIXER, PLASTER/MORTAR, 16 CF, ELECTRIC, PORTABLE		Elec	5	HP	D-Off	17		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.45	\$0.04	\$1.49	\$0.50	\$0.55	\$0.00	\$0.00	\$1.79	\$2.85	\$4.34
Standby	\$0.73	\$0.04							\$0.77	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C40 CONCRETE MIXING UNITS

C40 0.00 CONCRETE MIXING UNITS

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
C40XX007	16G	CONCRETE MIXERS, MIXER, PLASTER/MORTAR, 16 CF, GAS, PORTABLE		Gas	13	HP	D-Off		13	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.48	\$0.04	\$1.52	\$1.83	\$0.29	\$0.00	\$0.00	\$1.83	\$3.94	\$5.46
Standby	\$0.74	\$0.04							\$0.78	

C45 CONCRETE PAVING MACHINES

C45 0.00 CONCRETE PAVING MACHINES

GOMACO CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
C45GO011	COMMANDER III (CURB	CONCRETE PAVING MACHINES, CURB/GUTTER SLIPFORM PAVER, CRAWLER, 3-TRACK, 36" WIDE MOLD/FORM		D-On	185	HP	D-Off		300	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$45.54	\$1.59	\$47.13	\$19.91	\$2.72	\$0.00	\$0.00	\$73.72	\$96.35	\$143.48
Standby	\$22.77	\$1.59							\$24.36	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C45 CONCRETE PAVING MACHINES

C45 0.00 CONCRETE PAVING MACHINES

GOMACO CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C45GO012	COMMANDER III (4 TRA	CONCRETE PAVING MACHINES, CRAWLER , 4-TRACK, 16' PAVING WIDTH		D-Off	169	HP	D-Off	369		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$70.00	\$2.45	\$72.45	\$15.09	\$2.07	\$0.00	\$0.00	\$113.33	\$130.48	\$202.93
Standby	\$35.00	\$2.45							\$37.45	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C45GO013	GT-3200	CONCRETE PAVING MACHINES, CURB/GUTTER SLIPFORM PAVER, CRAWLER, 3-TRACK, 36" WIDE MOLD/FORM		D-Off	92	HP	D-Off	130		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$30.61	\$1.07	\$31.68	\$8.21	\$1.12	\$0.00	\$0.00	\$49.56	\$58.89	\$90.57
Standby	\$15.31	\$1.07							\$16.38	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C45 CONCRETE PAVING MACHINES

C45 0.00 CONCRETE PAVING MACHINES

GOMACO CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C45GO014	GT-3600	CONCRETE PAVING MACHINES, CURB/GUTTER SLIPFORM PAVER, CRAWLER, 3-TRACK, 36" WIDE MOLD/FORM		D-Off	98	HP	D-Off	210		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$33.84	\$1.18	\$35.02	\$8.75	\$1.20	\$0.00	\$0.00	\$54.79	\$64.74	\$99.76
Standby	\$16.92	\$1.18							\$18.10	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C45GO016	GP-2600 2 TRACK	CONCRETE PAVING MACHINES, SLIPFORM PAVER, CRAWLER, 2-TRACK, 24' PAVING WIDTH		D-Off	230	HP	D-Off	750		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$110.52	\$3.86	\$114.38	\$20.53	\$2.81	\$0.00	\$0.00	\$178.92	\$202.26	\$316.64
Standby	\$55.26	\$3.86							\$59.12	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C45GO018	GHP-2800 2 TRACK	CONCRETE PAVING MACHINES, SLIPFORM PAVER, CRAWLER, 2-TRACK, 24' PAVING WIDTH		D-Off	335	HP	D-Off	700		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$120.56	\$4.21	\$124.77	\$29.91	\$4.09	\$0.00	\$0.00	\$195.17	\$229.17	\$353.94
Standby	\$60.28	\$4.21							\$64.49	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C45 CONCRETE PAVING MACHINES

C45 0.00 CONCRETE PAVING MACHINES

GOMACO CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
C45GO020	GP-4000 2 TRACK	CONCRETE PAVING MACHINES, SLIPFORM PAVER, CRAWLER, 2-TRACK, 38' PAVING WIDTH		D-Off	450	HP	D-Off		880	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$151.47	\$5.29	\$156.76	\$40.18	\$5.50	\$0.00	\$0.00	\$245.22	\$290.90	\$447.66
Standby	\$75.74	\$5.29							\$81.03	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
C45GO026	C-450X	CONCRETE PAVING MACHINES, CYLINDER FINISHER, SINGLE DRUM, FINISHING WIDTH 57'		Gas	36	HP	D-Off		64	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$14.71	\$0.51	\$15.22	\$5.48	\$0.86	\$0.00	\$0.00	\$23.82	\$30.15	\$45.37
Standby	\$7.36	\$0.51							\$7.87	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
C45GO027	C-650-F	CONCRETE PAVING MACHINES, CYLINDER FINISHER, DOUBLE DRUM, FINISHING WIDTH 19'		D-Off	50	HP	D-Off		91	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$17.71	\$0.62	\$18.33	\$4.46	\$0.61	\$0.00	\$0.00	\$28.68	\$33.75	\$52.08
Standby	\$8.86	\$0.62							\$9.48	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C45 CONCRETE PAVING MACHINES

C45 0.00 CONCRETE PAVING MACHINES

GOMACO CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C45GO028	C-650-S	CONCRETE PAVING MACHINES, CYLINDER FINISHER, DOUBLE DRUM, FINISHING WIDTH 19'		D-Off	50	HP	D-Off	126		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$25.48	\$0.89	\$26.37	\$4.46	\$0.61	\$0.00	\$0.00	\$41.24	\$46.31	\$72.68
Standby	\$12.74	\$0.89							\$13.63	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C45GO029	C-750	CONCRETE PAVING MACHINES, CYLINDER FINISHER, DOUBLE DRUM, FINISHING WIDTH 96'		Gas	36	HP	D-Off	91		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$23.75	\$0.83	\$24.58	\$5.48	\$0.86	\$0.00	\$0.00	\$38.45	\$44.79	\$69.37
Standby	\$11.88	\$0.83							\$12.71	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C45GO031	9500	CONCRETE PAVING MACHINES, TRIMMER/PLACER, W/16' TRIMMER HEAD		D-Off	385	HP	D-Off	729		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$75.80	\$2.65	\$78.45	\$34.37	\$4.70	\$0.00	\$0.00	\$122.71	\$161.78	\$240.23
Standby	\$37.90	\$2.65							\$40.55	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C45 CONCRETE PAVING MACHINES

C45 0.00 CONCRETE PAVING MACHINES

M-B-W, INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C45MW002	C101	CONCRETE PAVING MACHINES, SLIPFORM PAVER, RUBBER TIRED, 12" MAX PAVING WIDTH, 18" MAX PAVING HEIGHT		D-Off	26.5	HP	D-Off	26		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.49	\$0.33	\$9.82	\$2.37	\$0.32	\$0.05	\$0.01	\$15.37	\$18.13	\$27.95
Standby	\$4.75	\$0.33							\$5.08	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C45MW003	CG200	CONCRETE PAVING MACHINES, SLIPFORM PAVER, RUBBER TIRED, 48" MAX PAVING WIDTH, 18" MAX PAVING HEIGHT		D-Off	26.5	HP	D-Off	34		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$12.55	\$0.44	\$12.99	\$2.37	\$0.32	\$0.07	\$0.01	\$20.34	\$23.12	\$36.11
Standby	\$6.28	\$0.44							\$6.72	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C45 CONCRETE PAVING MACHINES

C45 0.00 CONCRETE PAVING MACHINES

MILLER CURBER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
C45MJ001	MC 650	CONCRETE/ASPHALT PAVING MACHINES, CURB BUILDER, SLIPFORM PAVER, 6.1 CF HOPPER 6" AUGER		Gas	13	HP	D-Off		8	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.21	\$0.04	\$1.25	\$1.98	\$0.31	\$0.00	\$0.00	\$1.96	\$4.25	\$5.50
Standby	\$0.61	\$0.04							\$0.65	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
C45MJ002	MC 350	CONCRETE/ASPHALT PAVING MACHINES, CURB BUILDER, SLIPFORM PAVER, USE FOR DECORATIVE LANDSCAPE BORDERS, 0.86 CF HOPPER, 4" AUGER		Gas	4	HP	D-Off		2	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.48	\$0.02	\$0.50	\$0.61	\$0.10	\$0.00	\$0.00	\$0.78	\$1.49	\$1.99
Standby	\$0.24	\$0.02							\$0.26	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C45 CONCRETE PAVING MACHINES

C45 0.00 CONCRETE PAVING MACHINES

MILLER CURBER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
C45MJ003	MC 550	CONCRETE/ASPHALT PAVING MACHINES, CURB BUILDER, SLIPFORM PAVER, SLIPFORM PAVER, 6.1 CF HOPPER, 6" AUGER		Gas	13	HP	D-Off		7	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.03	\$0.04	\$1.07	\$1.98	\$0.31	\$0.00	\$0.00	\$1.67	\$3.96	\$5.03
Standby	\$0.52	\$0.04							\$0.56	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
C45MJ004	MC 900	CONCRETE/ASPHALT PAVING MACHINES, CURB BUILDER, SLIPFORM PAVER, 9.0 CF HOPPER, 6" AUGER		Gas	20	HP	D-Off		10	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.84	\$0.06	\$1.90	\$3.05	\$0.48	\$0.00	\$0.00	\$2.99	\$6.51	\$8.41
Standby	\$0.92	\$0.06							\$0.98	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C55 CONCRETE PUMPS

C55 0.00 CONCRETE PUMPS

MULTIQUIP, INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C55MU001	C30HDG	CONCRETE PUMP, 25 CY/HR, SINGLE, TRAILER MTD		Gas	58	HP	D-Off	29		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.45	\$0.13	\$3.58	\$8.18	\$1.28	\$0.04	\$0.01	\$4.74	\$14.25	\$17.83
Standby	\$1.73	\$0.13							\$1.86	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C55MU002	LS-400	CONCRETE PUMP, 45 CY/HR, SINGLE, TRAILER MTD		D-Off	79	HP	D-Off	49		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.08	\$0.27	\$7.35	\$6.66	\$0.91	\$0.00	\$0.00	\$9.71	\$17.28	\$24.63
Standby	\$3.54	\$0.27							\$3.81	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C55MU003	LS-600P	CONCRETE PUMP, 70 CY/HR, SINGLE, TRAILER MTD		D-Off	108	HP	D-Off	53		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.53	\$0.32	\$8.85	\$9.11	\$1.25	\$0.00	\$0.00	\$11.69	\$22.05	\$30.90
Standby	\$4.27	\$0.32							\$4.59	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C55 CONCRETE PUMPS

C55 0.00 CONCRETE PUMPS

OLIN PUMP

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C55OE011	15 95	CONCRETE PUMP, 100 CY/HR, TRAILER MTD TANDEM (OPEN LOOP HYDRAULIC SYSTEM)		D-Off	173	HP	D-Off	70		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$11.41	\$0.43	\$11.84	\$14.59	\$2.00	\$0.00	\$0.00	\$15.65	\$32.23	\$44.07
Standby	\$5.71	\$0.43							\$6.14	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C55OE013	15 30	CONCRETE PUMP, 35 CY/HR,TRAILER MTD		D-Off	48	HP	D-Off	44		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.92	\$0.19	\$5.11	\$4.05	\$0.55	\$0.05	\$0.01	\$6.75	\$11.41	\$16.52
Standby	\$2.46	\$0.19							\$2.65	

REED MANUFACTURING

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C55RQ003	A30	CONCRETE PUMP, 30 CY/HR, 903 PSI, TRAILER MTD		D-Off	82	HP	D-Off	46		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.56	\$0.25	\$6.81	\$6.91	\$0.95	\$0.05	\$0.01	\$8.99	\$16.90	\$23.71
Standby	\$3.28	\$0.25							\$3.53	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C55 CONCRETE PUMPS

C55 0.00 CONCRETE PUMPS

SCHWING AMERICA INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C55SC001	SP750-18	CONCRETE PUMP, 70 CY/HR, 1,100 PSI, TRAILER MTD		D-Off	100	HP	D-Off	75		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.50	\$0.36	\$9.86	\$8.43	\$1.15	\$0.08	\$0.01	\$13.03	\$22.71	\$32.57
Standby	\$4.75	\$0.36							\$5.11	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C55SC002	SP2000	CONCRETE PUMP, 76 CY/HR, 1,565 PSI, TRAILER MTD		D-Off	174	HP	D-Off	126		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$13.81	\$0.52	\$14.33	\$14.67	\$2.01	\$0.12	\$0.02	\$18.94	\$35.75	\$50.08
Standby	\$6.91	\$0.52							\$7.43	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C55SC005	S28X	CONCRETE PUMP, 117 CY/HR, 75' BOOM, TRUCK MTD		D-On	210	HP	D-Off	359		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$39.89	\$1.52	\$41.41	\$21.35	\$2.92	\$1.40	\$0.24	\$54.78	\$80.69	\$122.10
Standby	\$19.95	\$1.52							\$21.47	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C55 CONCRETE PUMPS

C550.00CONCRETE PUMPS

SCHWING AMERICA INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C55SC006	S32X	CONCRETE PUMP, 117 CY/HR, 92' BOOM, TRUCK MTD		D-On	210	HP	D-Off	470		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$51.29	\$1.95	\$53.24	\$21.35	\$2.92	\$1.40	\$0.24	\$70.41	\$96.32	\$149.56
Standby	\$25.65	\$1.95							\$27.60	

C60 CONCRETE SAWS (Add cost for sawblade wear)

C600.00CONCRETE SAWS (Add cost for sawblade

HUSQVARNA FOREST & GARDEN CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C60HV001	CS10, PP440HF	CONCRETE SAW, WIRE SAW SYSTEM, INCLUDES ELECTRIC POWERED PP440HF HYDRAULIC POWER PACK (ADD 200V/32A SOURCE & COST FOR SAW WIRE WEAR & WATER)		Elec	17	HP	D-Off	3		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.18	\$0.15	\$5.33	\$2.20	\$1.21	\$0.00	\$0.00	\$7.11	\$10.51	\$15.84
Standby	\$2.59	\$0.15							\$2.74	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C60 CONCRETE SAWS (Add cost for sawblade wear)

C60 0.00 CONCRETE SAWS (Add cost for sawblade

HUSQVARNA FOREST & GARDEN CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
C60HV002	K760 CUT-N-BREAK	CONCRETE SAW, 16" MAX DEPTH, HANDHELD, TWO 9" BLADE SYSTEM, CAN MAKE FLUSH FLOOR/WALL CUT (ADD COST FOR SAWBLADE WEAR & WATER)		Gas	5	HP	D-Off		1	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.30	\$0.01	\$0.31	\$0.91	\$0.14	\$0.00	\$0.00	\$0.41	\$1.46	\$1.77
Standby	\$0.15	\$0.01							\$0.16	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
C60HV003	K970 CHAIN	CONCRETE SAW, 16" MAX DEPTH, HANDHELD, CHAIN SAW, MINIMAL CORNER OVERCUT (ADD COST FOR SAWBLADE WEAR & WATER)		Gas	6.5	HP	D-Off		1	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.33	\$0.01	\$0.34	\$1.18	\$0.18	\$0.00	\$0.00	\$0.45	\$1.81	\$2.15
Standby	\$0.17	\$0.01							\$0.18	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C60 CONCRETE SAWS (Add cost for sawblade wear)

C60 0.00 CONCRETE SAWS (Add cost for sawblade

HUSQVARNA FOREST & GARDEN CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
C60HV004	K970	CONCRETE SAW, 5" DEPTH, HANDHELD, 14" BLADE (ADD COST FOR SAWBLADE WEAR & WATER)		Gas	6.5	HP	D-Off		1	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.24	\$0.01	\$0.25	\$1.18	\$0.18	\$0.00	\$0.00	\$0.33	\$1.69	\$1.94
Standby	\$0.12	\$0.01							\$0.13	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
C60HV005	K970 RING	CONCRETE SAW, 10.6" DEPTH, HANDHELD, 14" DIA RING BLADE (ADD COST FOR SAWBLADE WEAR & WATER)		Gas	6.5	HP	D-Off		1	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.60	\$0.02	\$0.62	\$1.18	\$0.18	\$0.00	\$0.00	\$0.82	\$2.19	\$2.81
Standby	\$0.30	\$0.02							\$0.32	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C60 CONCRETE SAWS (Add cost for sawblade wear)

C60 0.00 CONCRETE SAWS (Add cost for sawblade

HUSQVARNA FOREST & GARDEN CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
C60HV006	K1270	CONCRETE SAW, 4.6" DEPTH, HANDHELD, 14" BLADE (ADD COST FOR SAWBLADE WEAR & WATER)		Gas	7.8	HP	D-Off		1	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.29	\$0.01	\$0.30	\$1.42	\$0.22	\$0.00	\$0.00	\$0.40	\$2.05	\$2.35
Standby	\$0.15	\$0.01							\$0.16	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
C60HV007	K3000 CUT-N-BREAK	CONCRETE SAW, 16" MAX DEPTH, HANDHELD, TWO 9" BLADE SYSTEM, CAN MAKE FLUSH FLOOR/WALL CUT (ADD COST FOR SAWBLADE WEAR & WATER)		Gas	3.6	HP	D-Off		1	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.29	\$0.01	\$0.30	\$0.65	\$0.10	\$0.00	\$0.00	\$0.39	\$1.15	\$1.45
Standby	\$0.15	\$0.01							\$0.16	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C60 CONCRETE SAWS (Add cost for sawblade wear)

C60 0.00 CONCRETE SAWS (Add cost for sawblade

HUSQVARNA FOREST & GARDEN CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
C60HV008	K760	CONCRETE SAW, 4.00" DEPTH, HAND HELD, 12" BLADE (ADD COST FOR SAWBLADE WEAR & WATER)		Gas	5	HP	D-Off		1	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.17	\$0.00	\$0.17	\$0.91	\$0.14	\$0.00	\$0.00	\$0.23	\$1.28	\$1.45
Standby	\$0.09	\$0.00							\$0.09	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
C60HV009	K3600 MKII	CONCRETE SAW, 10.6" DEPTH, HANDHELD, 14" DIA RING BLADE (ADD COST FOR SAWBLADE WEAR & WATER)		Gas	5.8	HP	D-Off		1	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.59	\$0.02	\$0.61	\$1.05	\$0.16	\$0.00	\$0.00	\$0.81	\$2.02	\$2.63
Standby	\$0.30	\$0.02							\$0.32	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C60 CONCRETE SAWS (Add cost for sawblade wear)

C60 0.00 CONCRETE SAWS (Add cost for sawblade

HUSQVARNA FOREST & GARDEN CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
C60HV010	FS 400	CONCRETE SAW, 6.5" DEPTH, WALK BEHIND, 18" BLADE (ADD COST FOR SAWBLADE WEAR & WATER)		Gas	11	HP	D-Off		2	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.30	\$0.01	\$0.31	\$2.00	\$0.31	\$0.00	\$0.00	\$0.41	\$2.73	\$3.04
Standby	\$0.15	\$0.01							\$0.16	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
C60HV011	FS 7000 D 20	CONCRETE SAW, 8" DEPTH, SELF PROPELLED, 20" BLADE (ADD COST FOR SAWBLADE WEAR & WATER)		D-On	74	HP	D-Off		21	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.35	\$0.16	\$5.51	\$9.51	\$1.76	\$0.00	\$0.00	\$7.33	\$18.60	\$24.11
Standby	\$2.68	\$0.16							\$2.84	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C60 CONCRETE SAWS (Add cost for sawblade wear)

C60 0.00 CONCRETE SAWS (Add cost for sawblade

HUSQVARNA FOREST & GARDEN CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C60HV012	FS 7000 D 36	CONCRETE SAW, 15" DEPTH, SELF PROPELLED, 36" BLADE, CLUTCH & ETRAC SYSTEM (ADD COST FOR SAWBLADE WEAR & WATER)		D-On	74	HP	D-Off	21		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.87	\$0.17	\$6.04	\$9.51	\$1.76	\$0.00	\$0.00	\$8.05	\$19.32	\$25.36
Standby	\$2.94	\$0.17							\$3.11	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C60HV013	FS 7000 D 42	CONCRETE SAW, 17.25" DEPTH, SELF PROPELLED, 42" BLADE (ADD COST FOR SAWBLADE WEAR & WATER)		D-On	74	HP	D-Off	21		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.54	\$0.16	\$5.70	\$9.51	\$1.76	\$0.00	\$0.00	\$7.59	\$18.86	\$24.56
Standby	\$2.77	\$0.16							\$2.93	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C60 CONCRETE SAWS (Add cost for sawblade wear)

C60 0.00 CONCRETE SAWS (Add cost for sawblade

						Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description				12/1/2017	Main	Carrier	CWT	
C60HV014	FS 3500 E 26	CONCRETE SAW, 12" DEPTH, SELF PROPELLED, 26" BLADE, 480V (ADD COST FOR SAWBLADE WEAR & WATER)					Elec	HP	D-Off	12
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.79	\$0.08		\$3.89	\$2.13	\$0.00	\$0.00	\$3.83		
Standby	\$1.40	\$0.08								

						Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description				12/1/2017	Main	Carrier	CWT	
C60HV016	FS 8400 D	CONCRETE SAW, 14.875" DEPTH, SELF PROPELLED, 36" BLADE (ADD COST FOR SAWBLADE WEAR & WATER)					D-On	HP	D-Off	21
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.03	\$0.21		\$10.80	\$2.00	\$0.00	\$0.00	\$9.63		
Standby	\$3.52	\$0.21								

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C60 CONCRETE SAWS (Add cost for sawblade wear)

C60 0.00 CONCRETE SAWS (Add cost for sawblade

HUSQVARNA FOREST & GARDEN CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
C60HV017	K6500 CHAIN	CONCRETE SAW, 18" MAX DEPTH, HANDHELD, CHAIN SAW, MINIMAL CORNER OVERCUT (ADD COST FOR SAWBLADE WEAR & WATER)		Gas	7.4	HP	D-Off		1	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.90	\$0.03	\$0.93	\$1.34	\$0.21	\$0.00	\$0.00	\$1.23	\$2.78	\$3.71
Standby	\$0.45	\$0.03							\$0.48	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
C60HV018	K6500 RING	CONCRETE SAW, 10.6" DEPTH, HANDHELD, 14" DIA RING BLADE (ADD COST FOR SAWBLADE WEAR & WATER)		Gas	7.4	HP	D-Off		1	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.07	\$0.03	\$1.10	\$1.34	\$0.21	\$0.00	\$0.00	\$1.46	\$3.01	\$4.11
Standby	\$0.54	\$0.03							\$0.57	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C60 CONCRETE SAWS (Add cost for sawblade wear)

C60 0.00 CONCRETE SAWS (Add cost for sawblade

HUSQVARNA FOREST & GARDEN CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
C60HV019	WS220 & PP220	CONCRETE SAW, WALL SAW, 15.5" MAX CUTTING DEPTH, INCLUDES RAIL & ELECTRIC POWERED PP220 HYDRAULIC POWER PACK (ADD 200-480V/10A POWER SOURCE & COST FOR SAWBLADE WEAR & WATER)		Elec	6	HP	D-Off		3	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.05	\$0.21	\$7.26	\$0.78	\$0.43	\$0.00	\$0.00	\$9.67	\$10.88	\$18.14
Standby	\$3.53	\$0.21							\$3.74	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
C60HV020	FS 4600 G 20	CONCRETE SAW, 8.3" DEPTH, SELF-PROPELLED, 20" BLADE (ADD COST FOR SAWBLADE WEAR & WATER)		Gas	48	HP	D-Off		12	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.65	\$0.11	\$3.76	\$8.71	\$1.36	\$0.00	\$0.00	\$5.01	\$15.08	\$18.84
Standby	\$1.83	\$0.11							\$1.94	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C60 CONCRETE SAWS (Add cost for sawblade wear)

C60 0.00 CONCRETE SAWS (Add cost for sawblade

HUSQVARNA FOREST & GARDEN CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
C60HV021	FS 4600 G 30	CONCRETE SAW, 12.5" DEPTH, SELF PROPELLED, 30" BLADE (ADD COST FOR SAWBLADE WEAR & WATER)		Gas	48	HP	D-Off		12	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.18	\$0.12	\$4.30	\$8.71	\$1.36	\$0.00	\$0.00	\$5.73	\$15.80	\$20.10
Standby	\$2.09	\$0.12							\$2.21	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
C60HV023	FS 3500 E 30	CONCRETE SAW, 12" DEPTH, SELF PROPELLED, 30" BLADE, 480V (ADD COST FOR SAWBLADE WEAR & WATER)		Elec	30	HP	D-Off		12	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.81	\$0.08	\$2.89	\$3.89	\$2.13	\$0.00	\$0.00	\$3.85	\$9.88	\$12.77
Standby	\$1.41	\$0.08							\$1.49	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C60 CONCRETE SAWS (Add cost for sawblade wear)

C60 0.00 CONCRETE SAWS (Add cost for sawblade

HUSQVARNA FOREST & GARDEN CO.

							Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description					12/1/2017	Main			Carrier	CWT
C60HV024	FS 4600 G 26	CONCRETE SAW, 12.5" DEPTH, SELF-PROPELLED, 26" BLADE (ADD COST FOR SAWBLADE WEAR & WATER)						Gas	48	HP	D-Off	12
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$4.17	\$0.12	\$4.29	\$8.71	\$1.36	\$0.00	\$0.00	\$5.72	\$15.79	\$20.08		
Standby	\$2.09	\$0.12							\$2.21			

							Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description					12/1/2017	Main			Carrier	CWT
C60HV025	FS 309 G 14	CONCRETE SAW, 4.625" DEPTH, MANUAL, 14" BLADE (ADD COST FOR SAWBLADE WEAR & WATER)						Gas	9	HP	D-Off	2
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$0.27	\$0.01	\$0.28	\$1.63	\$0.25	\$0.00	\$0.00	\$0.37	\$2.26	\$2.54		
Standby	\$0.14	\$0.01							\$0.15			

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

C60 CONCRETE SAWS (Add cost for sawblade wear)

C60 0.00 CONCRETE SAWS (Add cost for sawblade

HUSQVARNA FOREST & GARDEN CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
C60HV026	FS 513 G 18	CONCRETE SAW, 6.625" DEPTH, SELF-PROPELLED, 18" BLADE (ADD COST FOR SAWBLADE WEAR & WATER)		Gas	11	HP	D-Off		4	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.71	\$0.02	\$0.73	\$2.00	\$0.31	\$0.00	\$0.00	\$0.97	\$3.28	\$4.01
Standby	\$0.36	\$0.02							\$0.38	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
C60HV027	FS 520	CONCRETE SAW, 7.70" MAX CUTTING DEPTH, WALK BEHIND(ADD COST FOR SAWBLADE WEAR & WATER)		Gas	21	HP	D-Off		4	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.11	\$0.03	\$1.14	\$3.81	\$0.60	\$0.00	\$0.00	\$1.52	\$5.92	\$7.06
Standby	\$0.56	\$0.03							\$0.59	

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

C60 CONCRETE SAWS (Add cost for sawblade wear)

C60 0.00 CONCRETE SAWS (Add cost for sawblade

HUSQVARNA FOREST & GARDEN CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C60HV028	CS 2512, PP455E	CONCRETE SAW, WIRE SAW SYSTEM, INCLUDES ELECTRIC POWERED PP455E HYDRAULIC POWER PACK (ADD UP TO 400V/63A SOURCE AND COST FOR SAW WIRE WEAR & WATER)		Elec	27	HP	D-Off	4		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.26	\$0.27	\$9.53	\$3.50	\$1.92	\$0.00	\$0.00	\$12.70	\$18.12	\$27.65
Standby	\$4.63	\$0.27							\$4.90	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C60HV029	WS440 HF, PP440HF	CONCRETE SAW, SAW, 21" MAX CUTTING DEPTH, INCLUDES RAIL & ELECTRIC POWERED PP440HF HYDRAULIC POWER PACK (ADD UP TO 200V/32A SOURCE & COST FOR SAWBLADE WEAR & WATER)		Elec	17.4	HP	D-Off	1		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.58	\$0.25	\$8.83	\$2.26	\$1.24	\$0.00	\$0.00	\$11.76	\$15.26	\$24.09
Standby	\$4.29	\$0.25							\$4.54	

* - Adjustable Elements

Region: 1
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Hourly Equipment Ownership and Operating Expense

C60 CONCRETE SAWS (Add cost for sawblade wear)

C60 0.00 CONCRETE SAWS (Add cost for sawblade

HUSQVARNA FOREST & GARDEN CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
C60HV031	WS463 & PP455E	CONCRETE SAW, WALL SAW, 29" MAX CUTTING DEPTH, INCLUDES RAIL & ELECTRIC POWERED PP455E HYDRAULIC POWER PACK (ADD UP TO 400V/63A POWER SOURCE & COST FOR SAWBLADE WEAR & WATER)		Elec	34	HP	D-Off		4	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.64	\$0.28	\$9.92	\$4.41	\$2.42	\$0.00	\$0.00	\$13.22	\$20.05	\$29.97
Standby	\$4.82	\$0.28							\$5.10	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
C60HV032	WS482HF & PP490	CONCRETE SAW, WALL SAW, 29" MAX CUTTING DEPTH, INCLUDES RAIL & ELECTRIC POWERED PP490 HYDRAULIC POWER PACK (ADD 480V POWER SOURCE AND ADD COST FOR BLADE WEAR/WATER)		Elec	26	HP	D-Off		2	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$11.52	\$0.34	\$11.86	\$3.37	\$1.85	\$0.00	\$0.00	\$15.80	\$21.01	\$32.87
Standby	\$5.76	\$0.34							\$6.10	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C60 CONCRETE SAWS (Add cost for sawblade wear)

C60 0.00 CONCRETE SAWS (Add cost for sawblade

HUSQVARNA FOREST & GARDEN CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
C60HV033	WSC40	CONCRETE SAW, CHAIN WALL SAW ACCESSORY, 16" MAX CUTTING DEPTH, USED FOR CORNERS & SMALL OPENINGS DUE TO MINIMAL OVERCUT REQUIRED (ATTACHMENT FOR HUSQVARNA WS482HF OR WS440)(ADD COST FOR CHAIN WEAR)		Elec	10	HP	D-Off		1	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.00	\$0.06	\$2.06	\$1.30	\$0.71	\$0.00	\$0.00	\$2.74	\$4.76	\$6.82
Standby	\$1.00	\$0.06							\$1.06	

C65 CONCRETE VIBRATORS

C65 0.00 CONCRETE VIBRATORS

ALLEN ENGINEERING CORP.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
C65AJ025	AHJV22	CONCRETE VIBRATOR, 2.2" HEAD, 21' SHAFT (INCLUDES 1.5 HP GAS MOTOR)		Gas	1.5	HP	D-Off		1	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.36	\$0.01	\$0.37	\$0.20	\$0.03	\$0.00	\$0.00	\$1.32	\$1.55	\$1.92
Standby	\$0.18	\$0.01							\$0.19	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C65 CONCRETE VIBRATORS

C65 0.00 CONCRETE VIBRATORS

MULTIQUIP, INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C65MU001	CV1A	CONCRETE VIBRATOR, 1.375" HEAD, 21' SHAFT (ADD 2KW GENERATOR)		Elec	1	HP	D-Off	1		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.14	\$0.00	\$0.14	\$0.09	\$0.05	\$0.00	\$0.00	\$0.51	\$0.65	\$0.79
Standby	\$0.07	\$0.00							\$0.07	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C65MU002	CV2A	CONCRETE VIBRATOR, 2.175" HEAD, 21' SHAFT (ADD 2KW GENERATOR)		Elec	2	HP	D-Off	1		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.15	\$0.00	\$0.15	\$0.19	\$0.10	\$0.00	\$0.00	\$0.56	\$0.85	\$1.00
Standby	\$0.08	\$0.00							\$0.08	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C65MU003	CV3A	CONCRETE VIBRATOR, 2.625" HEAD, 21' SHAFT (ADD 2KW GENERATOR)		Elec	3	HP	D-Off	1		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.19	\$0.00	\$0.19	\$0.28	\$0.15	\$0.00	\$0.00	\$0.67	\$1.10	\$1.29
Standby	\$0.10	\$0.00							\$0.10	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C65 CONCRETE VIBRATORS

C65 0.00 CONCRETE VIBRATORS

MULTIQUIP, INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C65MU004	G55H	CONCRETE VIBRATOR, 2.325" HEAD, 21' SHAFT, W/GAS MOTOR ON CART		Gas	5.5	HP	D-Off	2		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.38	\$0.01	\$0.39	\$0.73	\$0.11	\$0.00	\$0.00	\$1.36	\$2.21	\$2.60
Standby	\$0.19	\$0.01							\$0.20	

WACKER CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C65WC003	IRFU 57 W/ M2500	CONCRETE VIBRATOR, 2.3" HEAD, 16.5' SHAFT, HI-FREQ INTERNAL (ADD 2KV GENERATOR)		Elec	3	HP	D-Off	1		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.68	\$0.01	\$0.69	\$0.28	\$0.29	\$0.00	\$0.00	\$2.44	\$3.01	\$3.70
Standby	\$0.34	\$0.01							\$0.35	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C65WC005	H45 HEAD W/ A5000	CONCRETE VIBRATOR, 1.75" HEAD, 13' SHAFT, W/GAS MOTOR		Gas	5.5	HP	D-Off	1		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.73	\$0.02	\$0.75	\$0.73	\$0.11	\$0.00	\$0.00	\$2.63	\$3.47	\$4.22
Standby	\$0.37	\$0.02							\$0.39	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C65 CONCRETE VIBRATORS

C650.00CONCRETE VIBRATORS

WACKER CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C65WC006	IRFU 57 W/ A5000	CONCRETE VIBRATOR, 2.3" HEAD, 16.5' SHAFT, HI-FREQ INTERNAL, GAS POWERED MOTOR		Gas	5.5	HP	D-Off	1		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.73	\$0.02	\$0.75	\$0.73	\$0.25	\$0.00	\$0.00	\$2.63	\$3.61	\$4.36
Standby	\$0.37	\$0.02							\$0.39	

C75 CRANES, HYDRAULIC, SELF-PROPELLED

C750.00CRANES, HYDRAULIC, SELF-PROPELLED

BRODERSON MANUFACTURING CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C75BD012	IC-35-2G	CRANES, HYDRAULIC, SELF-PROPELLED, YARD, 4.0 TON, 19' BOOM, 4X2, NON-ROTATING OPERATOR'S CAB, BOOM ROTATES 360°		D-Off	49	HP	D-Off	79		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.78	\$0.54	\$8.32	\$4.37	\$0.64	\$0.14	\$0.02	\$8.86	\$14.04	\$22.36
Standby	\$3.89	\$0.54							\$4.43	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C75 CRANES, HYDRAULIC, SELF-PROPELLED

C75 0.00 CRANES, HYDRAULIC, SELF-PROPELLED

BRODERSON MANUFACTURING CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C75BD013	IC-20-1J	CRANES, HYDRAULIC, SELF-PROPELLED, YARD, 2.5 TON, 15' BOOM, 4X2, NON-ROTATING OPERATOR'S CAB, BOOM ROTATES 90°		D-Off	49	HP	D-Off	64		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.33	\$0.44	\$6.77	\$4.37	\$0.64	\$0.14	\$0.02	\$7.21	\$12.38	\$19.15
Standby	\$3.17	\$0.44							\$3.61	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C75BD014	IC-80-1J	CRANES, HYDRAULIC, SELF-PROPELLED, YARD, 9 TON, 24' BOOM, 4X4, NON-ROTATING OPERATOR'S CAB, BOOM ROTATES 360°		D-Off	74	HP	D-Off	162		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$10.54	\$0.73	\$11.27	\$6.61	\$0.97	\$0.31	\$0.05	\$12.02	\$19.96	\$31.23
Standby	\$5.27	\$0.73							\$6.00	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C75 CRANES, HYDRAULIC, SELF-PROPELLED

C75 0.00 CRANES, HYDRAULIC, SELF-PROPELLED

BRODERSON MANUFACTURING CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C75BD015	IC-250-3E	CRANES, HYDRAULIC, SELF-PROPELLED, YARD, 18.0 TON, 50' BOOM, 4X4, NON-ROTATING OPERATOR'S CAB, BOOM ROTATES 360°		D-Off	100	HP	D-Off	377		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$17.82	\$1.24	\$19.06	\$8.93	\$1.30	\$0.80	\$0.14	\$20.33	\$31.51	\$50.57
Standby	\$8.91	\$1.24							\$10.15	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C75BD016	RT-300-2G	CRANES, HYDRAULIC, SELF-PROPELLED, YARD, 15.0 TON, 60' BOOM, 4X4, 20' OFFSET, NON-ROTATING OPERATOR'S CAB, BOOM ROTATES 360°		D-Off	163	HP	D-Off	448		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$21.42	\$1.51	\$22.93	\$14.55	\$2.13	\$3.66	\$0.63	\$24.50	\$45.47	\$68.40
Standby	\$10.71	\$1.51							\$12.22	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C75 CRANES, HYDRAULIC, SELF-PROPELLED

C75 0.00 CRANES, HYDRAULIC, SELF-PROPELLED

BRODERSON MANUFACTURING CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C75BD017	IC-40-2D	CRANES, HYDRAULIC, SELF-PROPELLED, YARD, 4.5 TON, 19' BOOM, 4X4, NON-ROTATING OPERATOR'S CAB, BOOM ROTATES 360°		D-Off	49	HP	D-Off	90		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.33	\$0.58	\$8.91	\$4.37	\$0.64	\$0.34	\$0.06	\$9.50	\$14.91	\$23.82
Standby	\$4.17	\$0.58							\$4.75	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C75BD018	IC-200-3J	CRANES, HYDRAULIC, SELF-PROPELLED, YARD, 15.0 TON, 50' BOOM, 4X4, NON-ROTATING OPERATOR'S CAB, BOOM ROTATES 360°		D-Off	100	HP	D-Off	311		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$15.52	\$1.08	\$16.60	\$8.93	\$1.30	\$0.80	\$0.14	\$17.72	\$28.89	\$45.49
Standby	\$7.76	\$1.08							\$8.84	

* - Adjustable Elements

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Hourly Equipment Ownership and Operating Expense

C75 CRANES, HYDRAULIC, SELF-PROPELLED

C75 0.00 CRANES, HYDRAULIC, SELF-PROPELLED

BRODERSON MANUFACTURING CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C75BD019	IC-400-3A	CRANES, HYDRAULIC, SELF-PROPELLED, YARD, 25 TON, 64' BOOM, 4X4, NON-ROTATING OPERATOR'S CAB, BOOM ROTATES 360°		D-Off	160	HP	D-Off	549		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$22.30	\$1.55	\$23.85	\$14.28	\$2.09	\$1.85	\$0.32	\$25.44	\$43.98	\$67.83
Standby	\$11.15	\$1.55							\$12.70	

GROVE CRANES (MANITOWOC)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C75GV016	RT9130E-2	CRANES, HYDRAULIC, SELF-PROPELLED, ROUGH TERRAIN, 130 TON, 160' BOOM, 4X4, W/HOOK BLOCK & BALL		D-Off	320	HP	D-Off	1762		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$91.79	\$6.48	\$98.27	\$28.57	\$4.17	\$16.05	\$2.77	\$104.98	\$156.54	\$254.81
Standby	\$45.90	\$6.48							\$52.38	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C75 CRANES, HYDRAULIC, SELF-PROPELLED

C75 0.00 CRANES, HYDRAULIC, SELF-PROPELLED

GROVE CRANES (MANITOWOC)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C75GV023	RT530E-2	CRANES, HYDRAULIC, SELF-PROPELLED, ROUGH TERRAIN, 30 TON, 95' BOOM, 4X4		D-Off	164	HP	D-Off	583		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$27.18	\$1.89	\$29.07	\$14.64	\$2.14	\$2.22	\$0.38	\$31.01	\$50.39	\$79.46
Standby	\$13.59	\$1.89							\$15.48	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C75GV029	GCD15	CRANES, HYDRAULIC, SELF-PROPELLED, YARD, 15 TON, 41' BOOM, 4X4, NON-ROTATING OPERATOR'S CAB		D-Off	74	HP	D-Off	175		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$11.84	\$0.82	\$12.66	\$6.61	\$0.97	\$0.33	\$0.06	\$13.50	\$21.46	\$34.12
Standby	\$5.92	\$0.82							\$6.74	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C75 CRANES, HYDRAULIC, SELF-PROPELLED

C75 0.00 CRANES, HYDRAULIC, SELF-PROPELLED

GROVE CRANES (MANITOWOC)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C75GV031	RT765E2	CRANES, HYDRAULIC, SELF-PROPELLED, ROUGH TERRAIN, 60 TON, 110' BOOM, 4X4, W/HOOK BLOCK & BALL		D-Off	260	HP	D-Off	894		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$41.42	\$3.03	\$44.45	\$23.21	\$3.39	\$15.91	\$2.75	\$47.62	\$92.88	\$137.33
Standby	\$20.71	\$3.03							\$23.74	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C75GV032	GRT880	CRANES, HYDRAULIC, SELF-PROPELLED, ROUGH TERRAIN, 80 TON, 135' BOOM, 4X4, W/HOOK BLOCK & BALL		D-Off	275	HP	D-Off	1113		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$49.76	\$3.56	\$53.32	\$24.55	\$3.59	\$12.19	\$2.10	\$57.01	\$99.44	\$152.76
Standby	\$24.88	\$3.56							\$28.44	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C75 CRANES, HYDRAULIC, SELF-PROPELLED

C75 0.00 CRANES, HYDRAULIC, SELF-PROPELLED

LINK-BELT CONSTRUCTION EQUIPMENT CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C75LB001	RTC 8050	CRANES, HYDRAULIC, SELF-PROPELLED, SERIES II ROUGH TERRAIN, 50 TON, 110' BOOM, 4X4		D-Off	195	HP	D-Off	747		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$32.84	\$2.31	\$35.15	\$17.41	\$2.54	\$4.65	\$0.80	\$37.53	\$62.94	\$98.09
Standby	\$16.42	\$2.31							\$18.73	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C75LB002	RTC 8090	CRANES, HYDRAULIC, SELF-PROPELLED, SERIES II ROUGH TERRAIN, 90 TON, 140' BOOM, 4X4		D-Off	270	HP	D-Off	807		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$48.84	\$3.62	\$52.46	\$24.11	\$3.52	\$23.11	\$3.99	\$56.28	\$111.00	\$163.46
Standby	\$24.42	\$3.62							\$28.04	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C75LB003	RTC 80110	CRANES, HYDRAULIC, SELF-PROPELLED, SERIES II ROUGH TERRAIN, 100 TON, 140' BOOM, 6X6		D-Off	345	HP	D-Off	1300		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$66.57	\$4.67	\$71.24	\$30.80	\$4.50	\$9.20	\$1.59	\$76.06	\$122.14	\$193.38
Standby	\$33.29	\$4.67							\$37.96	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C75 CRANES, HYDRAULIC, SELF-PROPELLED

C75 0.00 CRANES, HYDRAULIC, SELF-PROPELLED

LINK-BELT CONSTRUCTION EQUIPMENT CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C75LB004	RTC 80150	CRANES, HYDRAULIC, SELF-PROPELLED, SERIES II ROUGH TERRAIN, 150 TON, 195' BOOM, 6X6		D-Off	345	HP	D-Off	1432		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$83.79	\$5.85	\$89.64	\$30.80	\$4.50	\$9.20	\$1.59	\$95.67	\$141.75	\$231.39
Standby	\$41.90	\$5.85							\$47.75	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C75LB005	TCC 750	CRANES, HYDRAULIC, TELESCOPIC BOOM, CRAWLER, 75 TON, 116' BOOM		D-Off	215	HP	D-Off	1455		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$55.52	\$3.81	\$59.33	\$19.20	\$2.80	\$0.00	\$0.00	\$63.22	\$85.22	\$144.55
Standby	\$27.76	\$3.81							\$31.57	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C75LB006	75 RT	CRANES, HYDRAULIC, SELF-PROPELLED, ROUGH TERRAIN, 75 TON, 142' BOOM, 4X4		D-Off	270	HP	D-Off	930		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$44.84	\$3.17	\$48.01	\$24.11	\$3.52	\$8.00	\$1.38	\$51.29	\$88.30	\$136.31
Standby	\$22.42	\$3.17							\$25.59	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C75 CRANES, HYDRAULIC, SELF-PROPELLED

C75 0.00 CRANES, HYDRAULIC, SELF-PROPELLED

LINK-BELT CONSTRUCTION EQUIPMENT CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C75LB007	TCC 1400	CRANES, HYDRAULIC, TELESCOPIC BOOM, CRAWLER, 75 TON, 116' BOOM		D-Off	320	HP	D-Off	2333		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$86.06	\$5.90	\$91.96	\$28.57	\$4.17	\$0.00	\$0.00	\$97.99	\$130.74	\$222.70
Standby	\$43.03	\$5.90							\$48.93	

TADANO MANTIS

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C75TD001	GTC - 350	CRANES, HYDRAULIC, TELESCOPIC BOOM, CRAWLER, 35 TON, 36' - 90' BOOM, LIFTING		D-Off	173	HP	D-Off	715		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$31.70	\$2.17	\$33.87	\$15.45	\$2.26	\$0.00	\$0.00	\$36.09	\$53.80	\$87.67
Standby	\$15.85	\$2.17							\$18.02	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C75TD002	GTC - 500	CRANES, HYDRAULIC, TELESCOPIC BOOM, CRAWLER, 50 TON, 36' - 114' BOOM, LIFTING		D-Off	260	HP	D-Off	1039		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$45.39	\$3.11	\$48.50	\$23.21	\$3.39	\$0.00	\$0.00	\$51.68	\$78.28	\$126.78
Standby	\$22.70	\$3.11							\$25.81	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C75 CRANES, HYDRAULIC, SELF-PROPELLED

C75 0.00 CRANES, HYDRAULIC, SELF-PROPELLED

TADANO MANTIS

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C75TD009	GR-350XL-2	CRANES, HYDRAULIC, SELF-PROPELLED, ROUGH TERRAIN, 35 TON, 112' BOOM, 4X4		D-Off	180	HP	D-Off	537		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$23.37	\$1.66	\$25.03	\$16.07	\$2.35	\$4.60	\$0.79	\$26.74	\$50.55	\$75.58
Standby	\$11.69	\$1.66							\$13.35	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C75TD010	GR-550XL-2	CRANES, HYDRAULIC, SELF-PROPELLED, ROUGH TERRAIN, 55TON, 175' BOOM, 4X4		D-Off	247	HP	D-Off	882		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$30.19	\$2.13	\$32.32	\$22.05	\$3.22	\$4.89	\$0.84	\$34.52	\$65.52	\$97.84
Standby	\$15.10	\$2.13							\$17.23	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C75TD011	GR-750XL-2	CRANES, HYDRAULIC, SELF-PROPELLED, ROUGH TERRAIN, 75 TON, 180' BOOM, 4X4		D-Off	247	HP	D-Off	945		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$39.27	\$2.83	\$42.10	\$22.05	\$3.22	\$11.63	\$2.01	\$45.05	\$83.95	\$126.05
Standby	\$19.64	\$2.83							\$22.47	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C75 CRANES, HYDRAULIC, SELF-PROPELLED

C75 0.00 CRANES, HYDRAULIC, SELF-PROPELLED

TEREX CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C75TE001	RT230	CRANES, HYDRAULIC, SELF-PROPELLED, ROUGH TERRAIN, 30 TON, 94' BOOM, 4X4		D-Off	130	HP	D-Off	563		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$27.78	\$1.94	\$29.72	\$11.61	\$1.70	\$3.40	\$0.59	\$31.73	\$49.02	\$78.74
Standby	\$13.89	\$1.94							\$15.83	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C75TE006	RT-555	CRANES, HYDRAULIC, SELF-PROPELLED, ROUGH TERRAIN, 55 TON, 110' BOOM, 4X4		D-Off	173	HP	D-Off	922		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$34.86	\$2.43	\$37.29	\$15.45	\$2.26	\$3.66	\$0.63	\$39.80	\$61.80	\$99.09
Standby	\$17.43	\$2.43							\$19.86	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C80 CRANES, HYDRAULIC, TRUCK MOUNTED

C80 0.01 UNDER 26 TON

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C80XX001	1970C	CRANES, HYDRAULIC, TRUCK MTD, BOOM TRUCK, 19 TON, 80' BOOM, 4X2		D-Off	240	HP	D-Off	330		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.23	\$0.65	\$9.88	\$18.45	\$3.25	\$0.61	\$0.11	\$7.91	\$30.32	\$40.20
Severe	\$10.77	\$0.66	\$11.43	\$24.40	\$4.29	\$1.69	\$0.29	\$10.00	\$40.67	\$52.10
Standby	\$4.62	\$0.65							\$5.27	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C80XX002	BT4792	CRANES, HYDRAULIC, TRUCK MTD, BOOM TRUCK, 23.5 TON, 102' BOOM, 6X2		D-On	350	HP	D-Off	600		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$13.94	\$0.99	\$14.93	\$32.44	\$5.71	\$1.12	\$0.19	\$11.97	\$51.43	\$66.36
Severe	\$16.27	\$1.00	\$17.27	\$42.91	\$7.55	\$3.13	\$0.54	\$15.12	\$69.25	\$86.52
Standby	\$6.97	\$0.99							\$7.96	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C80 CRANES, HYDRAULIC, TRUCK MOUNTED

C800.0226 TON THRU 65 TON

GROVE CRANES (MANITOWOC)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C80GV029	TMS750E	CRANES, HYDRAULIC, TRUCK MTD, 50 TON, 110' BOOM, 8X4X4		D-On	450	HP	D-Off	926		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$49.26	\$3.88	\$53.14	\$41.71	\$5.28	\$1.83	\$0.32	\$49.18	\$98.31	\$151.45
Severe	\$56.30	\$3.91	\$60.21	\$55.17	\$6.98	\$5.06	\$0.87	\$60.22	\$128.29	\$188.50
Standby	\$24.63	\$3.88							\$28.51	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C80GV030	TMS760E	CRANES, HYDRAULIC, TRUCK MTD, 60 TON, 110' BOOM, 8X4X4		D-On	450	HP	D-Off	926		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$49.26	\$3.88	\$53.14	\$41.71	\$5.28	\$1.83	\$0.32	\$49.18	\$98.31	\$151.45
Severe	\$56.30	\$3.91	\$60.21	\$55.17	\$6.98	\$5.06	\$0.87	\$60.22	\$128.29	\$188.50
Standby	\$24.63	\$3.88							\$28.51	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C80 CRANES, HYDRAULIC, TRUCK MOUNTED

C80 0.02 26 TON THRU 65 TON

GROVE CRANES (MANITOWOC)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C80GV033	GMK3060	CRANES, HYDRAULIC, TRUCK MTD, ALL TERRAIN, 69 TON, 141' BOOM, 6X4X6		D-On	355	HP	D-Off	782		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$42.66	\$3.42	\$46.08	\$32.90	\$4.16	\$5.93	\$1.02	\$42.71	\$86.72	\$132.80
Severe	\$48.75	\$3.45	\$52.20	\$43.52	\$5.51	\$16.41	\$2.83	\$52.29	\$120.56	\$172.76
Standby	\$21.33	\$3.42							\$24.75	

LINK-BELT CONSTRUCTION EQUIPMENT CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C80LB009	HTC-8640 SL	CRANES, HYDRAULIC, TRUCK MTD, 40 TON, 110' BOOM, 8X4		D-On	365	HP	D-Off	655		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$32.40	\$2.56	\$34.96	\$33.83	\$4.28	\$1.51	\$0.26	\$32.36	\$72.24	\$107.20
Severe	\$37.02	\$2.58	\$39.60	\$44.75	\$5.66	\$4.15	\$0.72	\$39.62	\$94.90	\$134.50
Standby	\$16.20	\$2.56							\$18.76	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C80 CRANES, HYDRAULIC, TRUCK MOUNTED

C80 0.02 26 TON THRU 65 TON

LINK-BELT CONSTRUCTION EQUIPMENT CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C80LB011	HTC-8660 SERIES II	CRANES, HYDRAULIC, TRUCK MTD, 60 TON, 110' BOOM, 8X4		D-On	365	HP	D-Off	655		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$33.74	\$2.67	\$36.41	\$33.83	\$4.28	\$1.51	\$0.26	\$33.70	\$73.58	\$109.99
Severe	\$38.56	\$2.69	\$41.25	\$44.75	\$5.66	\$4.15	\$0.72	\$41.27	\$96.55	\$137.80
Standby	\$16.87	\$2.67							\$19.54	

TEREX CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C80TE007	T340-1	CRANES, HYDRAULIC, TRUCK MTD, ALL TERRAIN, 40 TON, 94' BOOM, 6X4		D-On	300	HP	D-Off	556		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$29.25	\$2.31	\$31.56	\$27.81	\$3.52	\$1.12	\$0.19	\$29.20	\$61.85	\$93.41
Severe	\$33.42	\$2.32	\$35.74	\$36.78	\$4.65	\$3.13	\$0.54	\$35.75	\$80.85	\$116.59
Standby	\$14.63	\$2.31							\$16.94	

* - Adjustable Elements

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Hourly Equipment Ownership and Operating Expense

C80 CRANES, HYDRAULIC, TRUCK MOUNTED

C80 0.02 26 TON THRU 65 TON

TEREX CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C80TE009	T560-1	CRANES, HYDRAULIC, TRUCK MTD, ALL TERRAIN, 60 TON, 110' BOOM, 8X4		D-On	450	HP	D-Off	977		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$40.56	\$3.19	\$43.75	\$41.71	\$5.28	\$1.41	\$0.24	\$40.49	\$89.13	\$132.88
Severe	\$46.36	\$3.22	\$49.58	\$55.17	\$6.98	\$3.86	\$0.67	\$49.58	\$116.25	\$165.83
Standby	\$20.28	\$3.19							\$23.47	

C80 0.03 66 TON THRU 125 TON

GROVE CRANES (MANITOWOC)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C80GV034	GMK4100L-1	CRANES, HYDRAULIC, TRUCK MTD, ALL TERRAIN, 115 TON, 197' BOOM, 8X6X8		D-On	430	HP	D-Off	1029		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$71.88	\$6.33	\$78.21	\$39.86	\$5.04	\$4.74	\$0.82	\$82.01	\$132.47	\$210.68
Severe	\$80.86	\$6.37	\$87.23	\$52.71	\$6.67	\$13.22	\$2.28	\$98.03	\$172.91	\$260.14
Standby	\$35.94	\$6.33							\$42.27	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C80 CRANES, HYDRAULIC, TRUCK MOUNTED

C800.0366 TON THRU 125 TON

GROVE CRANES (MANITOWOC)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C80GV035	TMS800E	CRANES, HYDRAULIC, TRUCK MTD, 80 TON, 128' BOOM, 8X4X4		D-On	402	HP	D-Off	1049		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$49.99	\$4.40	\$54.39	\$37.26	\$4.71	\$1.83	\$0.32	\$57.03	\$101.15	\$155.54
Severe	\$56.24	\$4.42	\$60.66	\$49.28	\$6.23	\$5.06	\$0.87	\$68.16	\$129.60	\$190.26
Standby	\$25.00	\$4.40							\$29.40	

LINK-BELT CONSTRUCTION EQUIPMENT CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C80LB002	HTC 86100	CRANES, HYDRAULIC, TRUCK MTD, ALL TERRAIN, 100 TON, 140' BOOM, 10X6		D-Off	450	HP	D-Off	795		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$43.07	\$3.78	\$46.85	\$34.60	\$4.38	\$1.46	\$0.25	\$49.12	\$89.81	\$136.66
Severe	\$48.45	\$3.81	\$52.26	\$45.76	\$5.79	\$3.99	\$0.69	\$58.72	\$114.95	\$167.21
Standby	\$21.54	\$3.78							\$25.32	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C80 CRANES, HYDRAULIC, TRUCK MOUNTED

C80 0.03 66 TON THRU 125 TON

LINK-BELT CONSTRUCTION EQUIPMENT CO.

			Value TEV	Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT	
C80LB003	HTC 86100	CRANES, HYDRAULIC, TRUCK MTD, ALL TERRAIN, 100 TON, 140' BOOM, 10X6		D-Off	450	HP	D-Off	795	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$43.07	\$3.78	\$46.85	\$34.60	\$4.38	\$1.46	\$0.25	\$49.12	\$89.81	\$136.66
Severe	\$48.45	\$3.81	\$52.26	\$45.76	\$5.79	\$3.99	\$0.69	\$58.72	\$114.95	\$167.21
Standby	\$21.54	\$3.78							\$25.32	

TADANO MANTIS

			Value TEV	Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT	
C80TD006	ATF 70G-4	CRANES, HYDRAULIC, TRUCK MTD, ALL TERRAIN, 75 TON, 145' BOOM, 8X6		D-Off	129	HP	D-On	435	HP 1067

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$45.85	\$4.09	\$49.94	\$16.42	\$2.08	\$6.25	\$1.08	\$52.41	\$78.23	\$128.17
Severe	\$51.58	\$4.11	\$55.69	\$20.92	\$2.65	\$17.52	\$3.02	\$62.64	\$106.75	\$162.44
Standby	\$22.93	\$4.09							\$27.02	

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

C80 CRANES, HYDRAULIC, TRUCK MOUNTED

C80 0.03 66 TON THRU 125 TON

TADANO MANTIS

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier			CWT
C80TD007	ATF 100G-6	CRANES, HYDRAULIC, TRUCK MTD, ALL TERRAIN, 110 TON, 168' BOOM, 8X6		D-Off	175	HP	D-On	435	HP	945
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$53.11	\$4.72	\$57.83	\$19.95	\$2.52	\$6.10	\$1.05	\$60.67	\$90.30	\$148.13
Severe	\$59.74	\$4.75	\$64.49	\$25.59	\$3.24	\$17.09	\$2.95	\$72.52	\$121.39	\$185.88
Standby	\$26.56	\$4.72							\$31.28	

TEREX CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier			CWT
C80TE001	CROSSOVE R 8000	CRANES, HYDRAULIC, TRUCK MTD, 80 TON, 126' TELESCOPIC BOOM, 6X10		D-On	485	HP	D-Off			989
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$32.35	\$2.86	\$35.21	\$44.95	\$5.69	\$1.68	\$0.29	\$36.93	\$89.54	\$124.75
Severe	\$36.40	\$2.88	\$39.28	\$59.46	\$7.52	\$4.64	\$0.80	\$44.15	\$116.57	\$155.85
Standby	\$16.18	\$2.86							\$19.04	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C80 CRANES, HYDRAULIC, TRUCK MOUNTED

C80 0.04 OVER 125 TON

GROVE CRANES (MANITOWOC)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier			CWT
C80GV016	GMK6300L	CRANES, HYDRAULIC, TRUCK MTD, ALL TERRAIN, 350 TON, 263' BOOM, 12X8		D-Off	286	HP	D-On	551	HP	1843
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$132.62	\$12.86	\$145.48	\$30.23	\$3.82	\$7.44	\$1.28	\$170.14	\$212.91	\$358.39
Severe	\$147.36	\$12.93	\$160.29	\$38.96	\$4.93	\$20.57	\$3.55	\$199.54	\$267.54	\$427.83
Standby	\$66.31	\$12.86							\$79.17	

LINK-BELT CONSTRUCTION EQUIPMENT CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier			CWT
C80LB001	HTC 3140 LB	CRANES, HYDRAULIC, TRUCK MTD, ALL TERRAIN, 140 TON, 195' BOOM, 10X6		D-Off	581	HP	D-Off			1099
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$62.20	\$6.04	\$68.24	\$44.67	\$5.65	\$2.16	\$0.37	\$79.80	\$132.65	\$200.89
Severe	\$69.11	\$6.07	\$75.18	\$59.08	\$7.47	\$5.99	\$1.03	\$93.59	\$167.17	\$242.35
Standby	\$31.10	\$6.04							\$37.14	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C80 CRANES, HYDRAULIC, TRUCK MOUNTED

C80 0.04 OVER 125 TON

TADANO MANTIS

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier			CWT
C80TD004	ATF-130G-5	CRANES, HYDRAULIC, TRUCK MTD, ALL TERRAIN, 160 TON, 197' BOOM, 10X6		D-Off	173	HP	D-On	551	HP	1330
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$58.24	\$5.70	\$63.94	\$21.54	\$2.72	\$6.15	\$1.06	\$74.81	\$106.29	\$170.23
Severe	\$64.71	\$5.73	\$70.44	\$27.47	\$3.47	\$16.91	\$2.92	\$87.74	\$138.51	\$208.95
Standby	\$29.12	\$5.70							\$34.82	

C85 CRANES, MECHANICAL, LATTICE BOOM, CRAWLER MOUNTED

C85 0.12 DRAGLINE, CLAMSHELL, OVER 1.0 CY TH

LINK-BELT CONSTRUCTION EQUIPMENT CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier			CWT
C85LB019	138 HSL	CRANES, MECHANICAL, LATTICE BOOM, CRAWLER, DRAGLINE/CLAMSHELL, 80 TON, 100' BOOM (ADD BUCKET) (3 TRUCK LOADS FOR MOB/DMOB)		D-Off	270	HP	D-Off			1454
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$42.87	\$3.67	\$46.54	\$17.41	\$2.88	\$0.00	\$0.00	\$55.11	\$75.40	\$121.94
Severe	\$52.77	\$3.72	\$56.49	\$22.77	\$3.77	\$0.00	\$0.00	\$75.81	\$102.35	\$158.84
Standby	\$21.44	\$3.67							\$25.11	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C85 CRANES, MECHANICAL, LATTICE BOOM, CRAWLER MOUNTED

C85 0.12 DRAGLINE, CLAMSHELL, OVER 1.0 CY TH

TEREX CORPORATION												
							Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT	
C85TE004	HC 80	CRANES, MECHANICAL, LATTICE BOOM, CRAWLER, 80 TON, 100' BOOM, LIFTING/CLAMSHELL						D-Off	185	HP	D-Off	1430
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$37.24	\$3.19	\$40.43	\$11.93	\$1.98	\$0.00	\$0.00	\$47.87	\$61.77	\$102.20		
Severe	\$45.83	\$3.23	\$49.06	\$15.60	\$2.58	\$0.00	\$0.00	\$65.84	\$84.03	\$133.09		
Standby	\$18.62	\$3.19							\$21.81			

C85 0.13 DRAGLINE, CLAMSHELL, OVER 2.5 CY TH

LINK-BELT CONSTRUCTION EQUIPMENT CO.												
							Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT	
C85LB021	238 HSL	CRANES, MECHANICAL, LATTICE BOOM, CRAWLER, DRAGLINE/CLAMSHELL, 150 TON, 100' BOOM (ADD BUCKET)(7 TRUCK LOADS FOR MOB/DMOB)						D-Off	270	HP	D-Off	2627
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$62.65	\$6.01	\$68.66	\$17.41	\$1.86	\$0.00	\$0.00	\$90.01	\$109.28	\$177.94		
Severe	\$75.18	\$6.06	\$81.24	\$22.77	\$2.44	\$0.00	\$0.00	\$119.38	\$144.58	\$225.82		
Standby	\$31.33	\$6.01							\$37.34			

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

C85 CRANES, MECHANICAL, LATTICE BOOM, CRAWLER MOUNTED

C85 0.13 DRAGLINE, CLAMSHELL, OVER 2.5 CY TH

MANITOWOC ENGINEERING CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C85MA016	8000-1	CRANES, MECHANICAL, LATTICE BOOM, CRAWLER, DRAGLINE/CLAMSHELL, 3.5 CY, 50'-200' BOOM (ADD BUCKET)		D-Off	285	HP	D-Off	1656		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$30.02	\$2.88	\$32.90	\$18.38	\$1.97	\$0.00	\$0.00	\$43.13	\$63.47	\$96.37
Severe	\$36.02	\$2.90	\$38.92	\$24.03	\$2.57	\$0.00	\$0.00	\$57.20	\$83.80	\$122.72
Standby	\$15.01	\$2.88							\$17.89	

TEREX CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C85TE005	HC 110-1	CRANES, MECHANICAL, LATTICE BOOM, CRAWLER, 100 TON, 100' BOOM, LIFTING/CLAMSHELL		D-Off	240	HP	D-Off	1911		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$43.25	\$4.15	\$47.40	\$15.48	\$1.66	\$0.00	\$0.00	\$62.13	\$79.26	\$126.66
Severe	\$51.89	\$4.18	\$56.07	\$20.24	\$2.16	\$0.00	\$0.00	\$82.40	\$104.81	\$160.88
Standby	\$21.63	\$4.15							\$25.78	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C85 CRANES, MECHANICAL, LATTICE BOOM, CRAWLER MOUNTED

C85 0.13 DRAGLINE, CLAMSHELL, OVER 2.5 CY TH

TEREX CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C85TE006	HC 165	CRANES, MECHANICAL, LATTICE BOOM, CRAWLER, DRAGLINE/CLAMSHELL, 165 TON, 80' BOOM (ADD BUCKET)		D-Off	310	HP	D-Off	3090		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$66.72	\$6.40	\$73.12	\$19.99	\$2.14	\$0.00	\$0.00	\$95.85	\$117.97	\$191.09
Severe	\$80.06	\$6.46	\$86.52	\$26.14	\$2.80	\$0.00	\$0.00	\$127.12	\$156.06	\$242.58
Standby	\$33.36	\$6.40							\$39.76	

C85 0.14 DRAGLINE, CLAMSHELL, OVER 5.0 CY

MANITOWOC ENGINEERING CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C85MA001	14000	CRANES, MECHANICAL, LATTICE BOOM, CRAWLER, DRAGLINE/CLAMSHELL, UP TO 6.0 CY, 213' BOOM (12 TRUCK LOADS TO MOB/DMOB)(ADD BUCKET)		D-Off	340	HP	D-Off	4590		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$62.66	\$6.64	\$69.30	\$21.92	\$2.57	\$0.00	\$0.00	\$99.50	\$123.99	\$193.29
Severe	\$78.33	\$6.71	\$85.04	\$28.67	\$3.36	\$0.00	\$0.00	\$136.22	\$168.26	\$253.30
Standby	\$31.33	\$6.64							\$37.97	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C85 CRANES, MECHANICAL, LATTICE BOOM, CRAWLER MOUNTED

C85 0.14 DRAGLINE, CLAMSHELL, OVER 5.0 CY

MANITOWOC ENGINEERING CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C85MA003	999	CRANES, MECHANICAL, LATTICE BOOM, CRAWLER, DRAGLINE/CLAMSHELL, 7.0 CY, 140' BOOM (ADD BUCKET)		D-Off	375	HP	D-Off	5100		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$78.16	\$8.28	\$86.44	\$24.18	\$2.84	\$0.00	\$0.00	\$124.10	\$151.12	\$237.56
Severe	\$97.70	\$8.37	\$106.07	\$31.62	\$3.71	\$0.00	\$0.00	\$169.90	\$205.23	\$311.30
Standby	\$39.08	\$8.28							\$47.36	

C85 0.23 LIFTING, 51 TON THRU 150 TON

KOBELCO AMERICA INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C85KC005	CK850G	CRANES, MECHANICAL, LATTICE BOOM, CRAWLER, 85 TON, 150' BOOM, LIFTING		D-Off	285	HP	D-Off	1656		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$29.14	\$2.80	\$31.94	\$13.43	\$1.44	\$0.00	\$0.00	\$35.25	\$50.12	\$82.06
Severe	\$36.42	\$2.83	\$39.25	\$17.67	\$1.89	\$0.00	\$0.00	\$46.66	\$66.22	\$105.47
Standby	\$14.57	\$2.80							\$17.37	

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

C85 CRANES, MECHANICAL, LATTICE BOOM, CRAWLER MOUNTED

C85 0.23 LIFTING, 51 TON THRU 150 TON

KOBELCO AMERICA INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C85KC009	CK1100G	CRANES, MECHANICAL, LATTICE BOOM, CRAWLER, 110 TON, 200' BOOM, LIFTING		D-Off	285	HP	D-Off	1985		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$36.32	\$3.49	\$39.81	\$13.43	\$1.44	\$0.00	\$0.00	\$43.94	\$58.80	\$98.61
Severe	\$45.40	\$3.53	\$48.93	\$17.67	\$1.89	\$0.00	\$0.00	\$58.15	\$77.71	\$126.64
Standby	\$18.16	\$3.49							\$21.65	

LINK-BELT CONSTRUCTION EQUIPMENT CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C85LB001	138 HSL	CRANES, MECHANICAL, LATTICE BOOM, CRAWLER, 80 TON, 40' TUBULAR BOOM, LIFTING (3 TRUCK LOADS FOR MOB/DMOB)		D-Off	270	HP	D-Off	1454		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$36.44	\$3.50	\$39.94	\$12.72	\$1.36	\$0.00	\$0.00	\$44.09	\$58.17	\$98.11
Severe	\$45.55	\$3.54	\$49.09	\$16.74	\$1.79	\$0.00	\$0.00	\$58.35	\$76.88	\$125.97
Standby	\$18.22	\$3.50							\$21.72	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C85 CRANES, MECHANICAL, LATTICE BOOM, CRAWLER MOUNTED

C85 0.23 LIFTING, 51 TON THRU 150 TON

LINK-BELT CONSTRUCTION EQUIPMENT CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C85LB014	228 HSL	CRANES, MECHANICAL, LATTICE BOOM, CRAWLER, 130 TON, 80' BOOM, LIFTING		D-Off	270	HP	D-Off	2351		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$48.13	\$4.62	\$52.75	\$12.72	\$1.36	\$0.00	\$0.00	\$58.23	\$72.31	\$125.06
Severe	\$60.17	\$4.68	\$64.85	\$16.74	\$1.79	\$0.00	\$0.00	\$77.07	\$95.60	\$160.45
Standby	\$24.07	\$4.62							\$28.69	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C85LB015	238 HSL	CRANES, MECHANICAL, LATTICE BOOM, CRAWLER, 150 TON, 240' BOOM, LIFTING (7 TRUCK LOADS FOR MOB/DMOB)		D-Off	270	HP	D-Off	2627		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$59.91	\$5.75	\$65.66	\$12.72	\$1.36	\$0.00	\$0.00	\$72.48	\$86.56	\$152.22
Severe	\$74.89	\$5.82	\$80.71	\$16.74	\$1.79	\$0.00	\$0.00	\$95.93	\$114.46	\$195.17
Standby	\$29.96	\$5.75							\$35.71	

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

C85 CRANES, MECHANICAL, LATTICE BOOM, CRAWLER MOUNTED

C85 0.23 LIFTING, 51 TON THRU 150 TON

MANITOWOC ENGINEERING CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C85MA015	8000-1	CRANES, MECHANICAL, LATTICE BOOM, CRAWLER, 80 TON, 50'-200' BOOM, LIFTING		D-Off	285	HP	D-Off	1656		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$28.71	\$2.76	\$31.47	\$13.43	\$1.44	\$0.00	\$0.00	\$34.73	\$49.59	\$81.06
Severe	\$35.88	\$2.79	\$38.67	\$17.67	\$1.89	\$0.00	\$0.00	\$45.96	\$65.52	\$104.19
Standby	\$14.36	\$2.76							\$17.12	

TEREX CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C85TE008	HC 80	CRANES, MECHANICAL, LATTICE BOOM, CRAWLER, 80 TON, 100' BOOM, LIFTING/CLAMSHELL		D-Off	185	HP	D-Off	1430		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$31.65	\$3.04	\$34.69	\$8.72	\$0.93	\$0.00	\$0.00	\$38.29	\$47.95	\$82.64
Severe	\$39.57	\$3.08	\$42.65	\$11.47	\$1.23	\$0.00	\$0.00	\$50.68	\$63.38	\$106.03
Standby	\$15.83	\$3.04							\$18.87	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C85 CRANES, MECHANICAL, LATTICE BOOM, CRAWLER MOUNTED

C85 0.23 LIFTING, 51 TON THRU 150 TON

TEREX CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C85TE009	HC 110-1	CRANES, MECHANICAL, LATTICE BOOM, CRAWLER, 100 TON, 100' BOOM, LIFTING/CLAMSHELL		D-Off	240	HP	D-Off	1911		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$41.35	\$3.97	\$45.32	\$11.31	\$1.21	\$0.00	\$0.00	\$50.03	\$62.55	\$107.87
Severe	\$51.69	\$4.02	\$55.71	\$14.88	\$1.59	\$0.00	\$0.00	\$66.22	\$82.69	\$138.40
Standby	\$20.68	\$3.97							\$24.65	

C85 0.24 LIFTING, OVER 150 TON

KOBELCO AMERICA INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C85KC010	CK1600G	CRANES, MECHANICAL, LATTICE BOOM, CRAWLER, 160 TON, 250' BOOM, LIFTING		D-Off	363	HP	D-Off	3042		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$53.70	\$5.65	\$59.35	\$17.10	\$2.01	\$0.00	\$0.00	\$72.61	\$91.71	\$151.06
Severe	\$65.63	\$5.70	\$71.33	\$22.51	\$2.64	\$0.00	\$0.00	\$93.41	\$118.56	\$189.89
Standby	\$26.85	\$5.65							\$32.50	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C85 CRANES, MECHANICAL, LATTICE BOOM, CRAWLER MOUNTED

C85 0.24 LIFTING, OVER 150 TON

KOBELCO AMERICA INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C85KC011	CK2750G	CRANES, MECHANICAL, LATTICE BOOM, CRAWLER, 275 TON, 300' BOOM, LIFTING		D-Off	363	HP	D-Off	4877		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$73.01	\$7.68	\$80.69	\$17.10	\$2.01	\$0.00	\$0.00	\$98.72	\$117.83	\$198.52
Severe	\$89.24	\$7.75	\$96.99	\$22.51	\$2.64	\$0.00	\$0.00	\$127.01	\$152.16	\$249.15
Standby	\$36.51	\$7.68							\$44.19	

LINK-BELT CONSTRUCTION EQUIPMENT CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C85LB002	348 HYLAB 5	CRANES, MECHANICAL, LATTICE BOOM, CRAWLER, 300 TON, 155' BOOM		D-Off	365	HP	D-Off	5057		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$96.27	\$10.13	\$106.40	\$17.20	\$2.02	\$0.00	\$0.00	\$130.17	\$149.39	\$255.79
Severe	\$117.66	\$10.22	\$127.88	\$22.63	\$2.65	\$0.00	\$0.00	\$167.47	\$192.75	\$320.63
Standby	\$48.14	\$10.13							\$58.27	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C85 CRANES, MECHANICAL, LATTICE BOOM, CRAWLER MOUNTED

C85 0.24 LIFTING, OVER 150 TON

LINK-BELT CONSTRUCTION EQUIPMENT CO.

			Value TEV	Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT	
C85LB016	248 HSL	CRANES, MECHANICAL, LATTICE BOOM, CRAWLER, 200 TON, 280' BOOM, LIFTING (9 TRUCK LOADS FOR MOB/DMOB)		D-Off	270	HP	D-Off	3497	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$72.71	\$7.65	\$80.36	\$12.72	\$1.49	\$0.00	\$0.00	\$98.32	\$112.53	\$192.89
Severe	\$88.87	\$7.72	\$96.59	\$16.74	\$1.96	\$0.00	\$0.00	\$126.49	\$145.20	\$241.79
Standby	\$36.36	\$7.65							\$44.01	

MANITOWOC ENGINEERING CO.

			Value TEV	Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT	
C85MA007	999	CRANES, MECHANICAL, LATTICE BOOM, CRAWLER, 250 TON, 260' BOOM, LIFTING		D-Off	400	HP	D-Off	4942	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$75.31	\$7.92	\$83.23	\$18.85	\$2.21	\$0.00	\$0.00	\$101.83	\$122.89	\$206.12
Severe	\$92.05	\$8.00	\$100.05	\$24.80	\$2.91	\$0.00	\$0.00	\$131.01	\$158.72	\$258.77
Standby	\$37.66	\$7.92							\$45.58	

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

C85 CRANES, MECHANICAL, LATTICE BOOM, CRAWLER MOUNTED

C85 0.24 LIFTING, OVER 150 TON

MANITOWOC ENGINEERING CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C85MA013	MLC165-1	CRANES, MECHANICAL, LATTICE BOOM, CRAWLER, 182 TON, 275' BOOM, LIFTING (9 TRUCK LOADS FOR MOB/DMOB)		D-Off	310	HP	D-Off	3892		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$46.70	\$4.91	\$51.61	\$14.61	\$1.71	\$0.00	\$0.00	\$63.15	\$79.47	\$131.08
Severe	\$57.08	\$4.96	\$62.04	\$19.22	\$2.25	\$0.00	\$0.00	\$81.25	\$102.72	\$164.76
Standby	\$23.35	\$4.91							\$28.26	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C85MA014	14000	CRANES, MECHANICAL, LATTICE BOOM, CRAWLER, 200 TON, 213' BOOM, LIFTING (12 TRUCK LOADS TO MOB/DMOB)		D-Off	340	HP	D-Off	4590		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$60.53	\$6.37	\$66.90	\$16.02	\$1.88	\$0.00	\$0.00	\$81.84	\$99.74	\$166.64
Severe	\$73.98	\$6.43	\$80.41	\$21.08	\$2.47	\$0.00	\$0.00	\$105.29	\$128.85	\$209.26
Standby	\$30.27	\$6.37							\$36.64	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C85 CRANES, MECHANICAL, LATTICE BOOM, CRAWLER MOUNTED

C85 0.24 LIFTING, OVER 150 TON

TEREX CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C85TE016	HC 230	CRANES, MECHANICAL, LATTICE BOOM, CRAWLER, 230 TON, 280' BOOM, LIFTING		D-Off	300	HP	D-Off	3864		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$77.80	\$8.18	\$85.98	\$14.14	\$1.66	\$0.00	\$0.00	\$105.19	\$120.99	\$206.97
Severe	\$95.08	\$8.26	\$103.34	\$18.60	\$2.18	\$0.00	\$0.00	\$135.33	\$156.11	\$259.45
Standby	\$38.90	\$8.18							\$47.08	

C90 CRANES, MECHANICAL, LATTICE BOOM, TRUCK MOUNTED

C90 0.03 66 TON THRU 125 TON

MANITEX

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C90MX001	6430	CRANES, MECHANICAL, LATTICE BOOM, TRUCK MTD, 30 TON, 50' BOOM, DRAGLINE/CLAMSHELL CAPABLE, 6X4		D-Off	260	HP	D-On 260 HP	610		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$35.66	\$3.45	\$39.11	\$19.37	\$2.45	\$1.13	\$0.19	\$43.22	\$66.37	\$105.48
Severe	\$40.11	\$3.47	\$43.58	\$24.65	\$3.12	\$3.14	\$0.54	\$51.67	\$83.12	\$126.70
Standby	\$17.83	\$3.45							\$21.28	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C90 CRANES, MECHANICAL, LATTICE BOOM, TRUCK MOUNTED

C90 0.04 OVER 125 TON

LINK-BELT CONSTRUCTION EQUIPMENT CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier			CWT
C90LB001	HC-238H II	CRANES, MECHANICAL, LATTICE BOOM, TRUCK MTD, 150 TON, 260' BOOM, 8X4		D-Off	200	HP	D-On	445	HP	1913
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$71.40	\$7.68	\$79.08	\$18.55	\$2.35	\$6.02	\$1.04	\$97.47	\$125.42	\$204.50
Severe	\$79.34	\$7.72	\$87.06	\$23.36	\$2.96	\$16.65	\$2.87	\$114.31	\$160.15	\$247.21
Standby	\$35.70	\$7.68							\$43.38	

C95 CRANES, TOWER

C95 0.00 CRANES, TOWER

LIEBHERR CONSTRUCTION EQUIPMENT CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier			CWT
C95LH024	172 EC-B 8 LITRONIC	TOWER CRANE, TROLLEY JIB MODEL, 8.8 TON MAX, 2.1 TON @ 197' MAX RADIUS, 207' MAX HOOK HEIGHT W/ 12 COUNT - 13' 7" TALL SECTIONS (ADD 480V 3P 60HZ 100A POWER)		Elec	60	HP	D-Off			1968
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$36.02	\$3.45	\$39.47	\$5.62	\$8.43	\$0.00	\$0.00	\$46.30	\$60.34	\$99.81
Standby	\$18.01	\$3.45							\$21.46	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C95 CRANES, TOWER

C95 0.00 CRANES, TOWER

LIEBHERR CONSTRUCTION EQUIPMENT CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
C95LH025	316 EC-H 12 LITRONIC	TOWER CRANE, TROLLEY JIB MODEL, 13.2 TON MAX, 3 TON MAX @ 246' MAX RADIUS, 184' MAX HOOK HEIGHT W/ 10 COUNT - 13' 7" TALL SECTIONS (ADD 480V 3P 60HZ 200A POWER)		Elec	147	HP	D-Off		2234	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$44.70	\$4.29	\$48.99	\$13.76	\$13.39	\$0.00	\$0.00	\$57.46	\$84.61	\$133.60
Standby	\$22.35	\$4.29							\$26.64	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
C95LH026	550 EC-H 20 LITRONIC	TOWER CRANE, TROLLEY JIB MODEL, 22 TON MAX, 4.4 TON @ 267' MAX RADIUS, 238' MAX HOOK HEIGHT W/ 13 COUNT - 19' TALL SECTIONS (ADD 480V 3P 60HZ 250A POWER)		Elec	147	HP	D-Off		4117	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$73.97	\$7.09	\$81.06	\$13.76	\$13.39	\$0.00	\$0.00	\$95.08	\$122.23	\$203.29
Standby	\$36.99	\$7.09							\$44.08	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C95 CRANES, TOWER

C95 0.00 CRANES, TOWER

LIEBHERR CONSTRUCTION EQUIPMENT CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C95LH027	630 EC-H	TOWER CRANE, TROLLEY JIB MODEL, 22 TON 20/40 LITRO MAX, 6.4 TON @ 267' MAX RADIUS, 195' MAX HOOK HEIGHT W/ 10 COUNT - 19' TALL SECTIONS (ADD 480V 3P 60HZ 250A POWER)		Elec	147	HP	D-Off	4456		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$83.80	\$8.03	\$91.83	\$13.76	\$13.39	\$0.00	\$0.00	\$107.72	\$134.87	\$226.70
Standby	\$41.90	\$8.03							\$49.93	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
C95LH028	357 HC-L	TOWER CRANE, LUFFING BOOM CRANE, 26.5 12/24 LITRO TON MAX, 3.5 TON @ 197' MAX RADIUS, 194' TOWER HEIGHT W/ 8 COUNT - 19' TALL SECTIONS (ADD 480V 3P 60HZ 300A POWER)		Elec	147	HP	D-Off	3350		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$89.07	\$8.54	\$97.61	\$13.76	\$15.39	\$0.00	\$0.00	\$114.49	\$143.64	\$241.25
Standby	\$44.54	\$8.54							\$53.08	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C95 CRANES, TOWER

C95 0.00 CRANES, TOWER

LIEBHERR CONSTRUCTION EQUIPMENT CO.

			Value TEV	Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT	
C95LH029	542 CH-L 18/36 LITRO	TOWER CRANE, LUFFING BOOM CRANE, 35.3 TON MAX, 5.4 TON @ 197' MAX RADIUS, 175' TOWER HEIGHT W/ 7 COUNT - 19' TALL SECTIONS (ADD 480V 3P 60HZ 350A POWER)		Elec	215	HP	D-Off	3984	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$102.26	\$9.80	\$112.06	\$20.12	\$20.26	\$0.00	\$0.00	\$131.45	\$171.83	\$283.89
Standby	\$51.13	\$9.80							\$60.93	

D10 DRILLS, AIR/HYDRAULIC,CRWLR MTD,0" THRU 6.5" DIA HOLE (Add cost for drill steel and bit wear)

D10 0.10 DRILLS, AIR TRACK (Add cost for drill ste

ATLAS COPCO WAGNER

			Value TEV	Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT	
D10WG001	AIRROC D40	DRILL, AIR TRACK, CRAWLER MTD, 2"-3" DIA, 49.2' MAX DEPTH (ADD COST FOR DRILL STEEL AND BIT WEAR, ADD 400 CFM COMPRESSOR)		D-Off		D-Off		56	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.99	\$0.42	\$5.41	\$0.00	\$0.00	\$0.00	\$0.00	\$7.75	\$7.75	\$13.16
Standby	\$2.50	\$0.42							\$2.92	

* - Adjustable Elements

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Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

D10 DRILLS, AIR/HYDRAULIC,CRWLR MTD,0" THRU 6.5" DIA HOLE (Add cost for drill steel and bit wear)

D10 0.10 DRILLS, AIR TRACK (Add cost for drill ste

ATLAS COPCO WAGNER

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
D10WG002	AIRROC D50	DRILL, AIR TRACK, CRAWLER MTD, 2.5"-4" DIA, 49.2' MAX DEPTH (ADD COST FOR DRILL STEEL AND BIT WEAR, ADD 750 CFM COMPRESSOR)						D-Off	D-Off	106	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$7.93	\$0.66	\$8.59	\$0.00	\$0.00	\$0.00	\$0.00	\$12.32	\$12.32	\$20.91	
Standby	\$3.97	\$0.66							\$4.63		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT
D10WG003	AIRROC T25	DRILL, AIR TRACK, CRAWLER MTD, 2"-3" DIA, 49.2' MAX DEPTH (ADD COST FOR DRILL STEEL AND BIT WEAR, ADD 400 CFM COMPRESSOR)					D-Off		D-Off		55
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$5.07	\$0.42	\$5.49	\$0.00	\$0.00	\$0.00	\$0.00	\$7.88	\$7.88	\$13.37	
Standby	\$2.54	\$0.42							\$2.96		

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

D10 DRILLS, AIR/HYDRAULIC,CRWLR MTD,0" THRU 6.5" DIA HOLE (Add cost for drill steel and bit wear)

D10 0.10 DRILLS, AIR TRACK (Add cost for drill ste

ATLAS COPCO WAGNER

			Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT
D10WG004	AIRROC T35	DRILL, AIR TRACK, CRAWLER MTD, 2.5"-4" DIA, 49.2' MAX DEPTH (ADD COST FOR DRILL STEEL AND BIT WEAR, ADD 750 CFM COMPRESSOR)		D-Off	D-Off	106

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.84	\$0.65	\$8.49	\$0.00	\$0.00	\$0.00	\$0.00	\$12.20	\$12.20	\$20.69
Standby	\$3.92	\$0.65							\$4.57	

SCHRAMM, INC

			Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT
D10S2001	T450GT	DRILL, AIR TRACK, CRAWLER, GEOTHERMAL/WATER WELL RIG, 30,000 LBF PULLBACK, 3.5"-4.5" DIA, INCLUDES 1,050 CFM AIR COMPRESSOR (ADD COST FOR DRILL STEEL AND BIT WEAR)		D-Off 580 HP	D-Off	591

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$58.88	\$4.91	\$63.79	\$54.66	\$7.48	\$0.00	\$0.00	\$91.55	\$153.69	\$217.48
Standby	\$29.44	\$4.91							\$34.35	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

D10 DRILLS, AIR/HYDRAULIC,CRWLR MTD,0" THRU 6.5" DIA HOLE (Add cost for drill steel and bit wear)

D10 0.10 DRILLS, AIR TRACK (Add cost for drill ste

SCHRAMM, INC

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
D10S2002	T685EX	DRILL, AIR TRACK, CRAWLER, MINERAL EXPLORATION, 40,000 LBF PULLBACK, 3.5"-5.5" DIA, INCLUDES 1,350 CFM AIR COMPRESSOR (ADD COST FOR DRILL STEEL AND BIT WEAR)		D-Off	905	HP	D-Off	963		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$83.74	\$6.99	\$90.73	\$85.29	\$11.67	\$0.00	\$0.00	\$130.20	\$227.16	\$317.89
Standby	\$41.87	\$6.99							\$48.86	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
D10S2003	T685WS	DRILL, AIR, TRUCK MTD, MINERAL EXPLORATION, 40,000 LBF PULLBACK, 3.5"-5.5" DIA, INCLUDES 1,350 CFM AIR COMPRESSOR (ADD COST FOR DRILL STEEL AND BIT WEAR)		D-Off	760	HP	D-Off	746		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$87.02	\$7.31	\$94.33	\$71.62	\$9.80	\$1.42	\$0.25	\$135.51	\$218.60	\$312.93
Standby	\$43.51	\$7.31							\$50.82	

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

D15 DRILLS, HORIZONTAL (MICRO-TUNNELING)

D15 0.10 DRILLS, HORIZONTAL BORING & GROUN

BOR-IT MANUFACTURING COMPANY INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
D15BI001	12 MIGHTY MAX	DRILL, HORIZONTAL BORING, 4"-12" DIA, COMBINED HEAD 25,000 LBS THRUST, W/100' AUGER/TRACK (ADD COST FOR DRILL STEEL AND BIT WEAR, ADD BACKHOE)		Gas	12	HP	D-Off		10	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.49	\$0.15	\$2.64	\$1.94	\$0.30	\$0.00	\$0.00	\$3.48	\$5.72	\$8.36
Standby	\$1.25	\$0.15							\$1.40	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
D15BI002	20 POWER HOUSE II	DRILL, HORIZONTAL BORING, 4"-20" DIA, COMBINED HEAD 44,000 LBS THRUST, W/100' AUGER/TRACK (ADD COST FOR DRILL STEEL AND BIT WEAR)		D-Off	20	HP	D-Off		20	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.78	\$0.29	\$5.07	\$1.88	\$0.26	\$0.00	\$0.00	\$6.69	\$8.82	\$13.89
Standby	\$2.39	\$0.29							\$2.68	

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

D15 DRILLS, HORIZONTAL (MICRO-TUNNELING)

D15 0.10 DRILLS, HORIZONTAL BORING & GROUN

BOR-IT MANUFACTURING COMPANY INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
D15BI003	24 BRUTE	DRILL, HORIZONTAL BORING, 8"-24" DIA, COMBINED HEAD 84,000 LBS THRUST, W/100' AUGER/TRACK (ADD COST FOR DRILL STEEL AND BIT WEAR)		D-Off	30	HP	D-Off	37		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.76	\$0.35	\$6.11	\$2.83	\$0.39	\$0.00	\$0.00	\$8.06	\$11.28	\$17.39
Standby	\$2.88	\$0.35							\$3.23	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
D15BI004	30 POWER PLUS	DRILL, HORIZONTAL BORING, 12"-30" DIA, COMBINED HEAD 170,000 LBS THRUST, W/100' AUGER/TRACK (ADD COST FOR DRILL STEEL AND BIT WEAR)		D-Off	45	HP	D-Off	61		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.87	\$0.48	\$8.35	\$4.24	\$0.58	\$0.00	\$0.00	\$11.02	\$15.84	\$24.19
Standby	\$3.94	\$0.48							\$4.42	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

D15 DRILLS, HORIZONTAL (MICRO-TUNNELING)

D15 0.10 DRILLS, HORIZONTAL BORING & GROUN

BOR-IT MANUFACTURING COMPANY INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
D15BI005	36 WORKHOR SE	DRILL, HORIZONTAL BORING, 12"-36" DIA, COMBINED HEAD 300,000 LBS THRUST, W/100' AUGER/TRACK (ADD COST FOR DRILL STEEL AND BIT WEAR)		D-Off	62	HP	D-Off		106	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$10.21	\$0.62	\$10.83	\$5.84	\$0.80	\$0.00	\$0.00	\$14.28	\$20.92	\$31.75
Standby	\$5.11	\$0.62							\$5.73	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
D15BI006	48 TERMINAT OR	DRILL, HORIZONTAL BORING, 12"-48" DIA, COMBINED HEAD 754,000 LBS THRUST, W/100' AUGER/TRACK (ADD COST FOR DRILL STEEL AND BIT WEAR)		D-Off	116	HP	D-Off		200	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$15.76	\$0.96	\$16.72	\$10.93	\$1.50	\$0.00	\$0.00	\$22.06	\$34.48	\$51.20
Standby	\$7.88	\$0.96							\$8.84	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

D15 DRILLS, HORIZONTAL (MICRO-TUNNELING)

D15 0.10 DRILLS, HORIZONTAL BORING & GROUN

BOR-IT MANUFACTURING COMPANY INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
D15BI007	60 DESTROYE R	DRILL, HORIZONTAL BORING, 24"-60" DIA, COMBINED HEAD 1,000,000 LBS THRUST, W/100' AUGER/TRACK (ADD COST FOR DRILL STEEL AND BIT WEAR)		D-Off	174	HP	D-Off	265		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$20.42	\$1.24	\$21.66	\$16.40	\$2.24	\$0.00	\$0.00	\$28.58	\$47.22	\$68.88
Standby	\$10.21	\$1.24							\$11.45	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
D15BI008	54 TERMINATOR II	DRILL, HORIZONTAL BORING, 24"-54" DIA, COMBINED HEAD 754,000 LBS THRUST, W/100' AUGER/TRACK (ADD COST FOR DRILL STEEL AND BIT WEAR)		D-Off	174	HP	D-Off	296		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$18.28	\$1.11	\$19.39	\$16.40	\$2.24	\$0.00	\$0.00	\$25.59	\$44.23	\$63.62
Standby	\$9.14	\$1.11							\$10.25	

* - Adjustable Elements

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Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

D15 DRILLS, HORIZONTAL (MICRO-TUNNELING)

D15 0.10 DRILLS, HORIZONTAL BORING & GROUN

BOR-IT MANUFACTURING COMPANY INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
D15BI009	42	DRILL, HORIZONTAL BORING, 12"-42" DIA, THRUSTER BUSTER AUGER/TRACK (ADD COST FOR DRILL STEEL AND BIT WEAR)		D-Off	97	HP	D-Off	177		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$13.97	\$0.85	\$14.82	\$9.14	\$1.25	\$0.00	\$0.00	\$19.55	\$29.94	\$44.76
Standby	\$6.99	\$0.85							\$7.84	

D15 0.20 DRILLS, HORIZONTAL & DIRECTIONAL (A

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
D15XX003	RST-1400	DRILL, HORIZONTAL DIRECTIONAL, 1,400 GAL, TRAILER MOUNTED DRILLING FLUID MIXING SYSTEM, INCLUDES 3PH GEN SET		D-Off	30	HP	D-Off	117		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.45	\$0.47	\$7.92	\$2.83	\$0.39	\$0.38	\$0.06	\$10.51	\$14.17	\$22.09
Standby	\$3.73	\$0.47							\$4.20	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

D15 DRILLS, HORIZONTAL (MICRO-TUNNELING)

D15 0.20 DRILLS, HORIZONTAL & DIRECTIONAL (A

VERMEER MANUFACTURING CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
D15VE001	D6X6	DRILL, HORIZONTAL DIRECTIONAL, 2.25" DIA, 5,500 LB THRUST, W/150' OF RODS (ADD COST FOR DRILL STEEL AND BIT WEAR)		D-Off	25	HP	D-Off	32		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.47	\$0.27	\$4.74	\$2.36	\$0.32	\$0.00	\$0.00	\$6.26	\$8.94	\$13.68
Standby	\$2.24	\$0.27							\$2.51	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
D15VE002	D10X15	DRILL, HORIZONTAL DIRECTIONAL, 2.5" DIA, 9,000 LB THRUST, W/300' OF RODS (ADD COST FOR DRILL STEEL AND BIT WEAR)		D-Off	44	HP	D-Off	63		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.81	\$0.48	\$8.29	\$4.15	\$0.57	\$0.00	\$0.00	\$10.93	\$15.65	\$23.94
Standby	\$3.91	\$0.48							\$4.39	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

D15 DRILLS, HORIZONTAL (MICRO-TUNNELING)

D15 0.20 DRILLS, HORIZONTAL & DIRECTIONAL (A

VERMEER MANUFACTURING CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
D15VE004	D20x22 III	DRILL, HORIZONTAL DIRECTIONAL, 3.5" DIA, 20,000 LB THRUST, W/400' OF RODS (ADD COST FOR DRILL STEEL AND BIT WEAR)		D-Off	74	HP	D-Off	109		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$11.15	\$0.68	\$11.83	\$6.97	\$0.95	\$0.00	\$0.00	\$15.60	\$23.53	\$35.36
Standby	\$5.58	\$0.68							\$6.26	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
D15VE005	D24x40 III	DRILL, HORIZONTAL DIRECTIONAL, 3.5" DIA, 24,000 LB THRUST, W/500' OF RODS (ADD COST FOR DRILL STEEL AND BIT WEAR)		D-Off	125	HP	D-Off	207		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$19.19	\$1.17	\$20.36	\$11.78	\$1.61	\$0.00	\$0.00	\$26.85	\$40.24	\$60.60
Standby	\$9.60	\$1.17							\$10.77	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

D15 DRILLS, HORIZONTAL (MICRO-TUNNELING)

D15 0.20 DRILLS, HORIZONTAL & DIRECTIONAL (A

VERMEER MANUFACTURING CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
D15VE006	D40X55	DRILL, HORIZONTAL DIRECTIONAL, 3.5" DIA, 32,700 LB THRUST, W/525' OF RODS (ADD COST FOR DRILL STEEL AND BIT WEAR)		D-Off	140	HP	D-Off	289		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$28.64	\$1.74	\$30.38	\$13.19	\$1.81	\$0.00	\$0.00	\$40.08	\$55.08	\$85.46
Standby	\$14.32	\$1.74							\$16.06	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
D15VE008	D100x120 II	DRILL, HORIZONTAL DIRECTIONAL, 5.0" DIA, 100,000 LB THRUST, W/370' OF RODS (ADD COST FOR DRILL STEEL AND BIT WEAR		D-Off	225	HP	D-Off	435		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$60.34	\$3.67	\$64.01	\$21.20	\$2.90	\$0.00	\$0.00	\$84.43	\$108.53	\$172.54
Standby	\$30.17	\$3.67							\$33.84	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

D15 DRILLS, HORIZONTAL (MICRO-TUNNELING)

D15 0.20 DRILLS, HORIZONTAL & DIRECTIONAL (A

VERMEER MANUFACTURING CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
D15VE009	MX125	DRILL, HORIZONTAL DIRECTIONAL, 500 GAL, DRILLING FLUID MIXING SYSTEM (ADD TRAILER COST)		Gas	5.5	HP	D-Off	3.4		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.60	\$0.04	\$0.64	\$0.89	\$0.14	\$0.00	\$0.00	\$0.85	\$1.87	\$2.51
Standby	\$0.30	\$0.04							\$0.34	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
D15VE010	MX240	DRILL, HORIZONTAL DIRECTIONAL, 750 GAL, DRILLING FLUID MIXING SYSTEM (ADD TRAILER COST)		D-Off	22	HP	D-Off	7		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.20	\$0.07	\$1.27	\$2.07	\$0.28	\$0.00	\$0.00	\$1.68	\$4.04	\$5.31
Standby	\$0.60	\$0.07							\$0.67	

* - Adjustable Elements

Region: 1
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Hourly Equipment Ownership and Operating Expense

D20 DRILLS, CORE, COLUMN MOUNTED (Add cost for drill steel and bit wear)

D20 0.00 DRILLS, CORE, COLUMN MOUNTED (Add c

ACKER DRILL COMPANY INC.

							Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description					12/1/2017	Main			Carrier	CWT
D20AD007	1200-G	DRILL, CORE, COLUMN MOUNTED, 12" DIA MAX CORE HOLE (ADD COST FOR DRILL STEEL AND BIT WEAR)						Gas	8	HP	D-Off	3
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$1.75	\$0.09	\$1.84	\$1.29	\$0.90	\$0.00	\$0.00	\$2.31	\$4.51	\$6.35		
Standby	\$0.88	\$0.09							\$0.97			

DYNATECH

							Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier		CWT
D20DN001	M-1 DRILL RIG COMBO	DRILL, CORE, COLUMN MOUNTED, 1" TO 14" BIT DIA, WEKA DK22S 4 MOTOR (23 AMP) (INCLUDES VACUUM, ADD COST FOR BIT WEAR)						Elec	3.5	HP	D-Off	2
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$0.45	\$0.02	\$0.47	\$0.40	\$0.22	\$0.00	\$0.00	\$0.60	\$1.22	\$1.69		
Standby	\$0.23	\$0.02							\$0.25			

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

D20 DRILLS, CORE, COLUMN MOUNTED (Add cost for drill steel and bit wear)

D20 0.00 DRILLS, CORE, COLUMN MOUNTED (Add c

DYNATECH

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
D20DN002	M-2 DRILL	DRILL, CORE, COLUMN MOUNTED, 10" BIT DIA, RIG COMBO WEKA DK22 300/640/960 MOTOR (23 AMP) (INCLUDES VACUUM, ADD COST FOR BIT WEAR)		Elec	2.2	HP	D-Off	2		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.49	\$0.02	\$0.51	\$0.25	\$0.14	\$0.00	\$0.00	\$0.64	\$1.03	\$1.54
Standby	\$0.25	\$0.02							\$0.27	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
D20DN004	M-6 DRILL BIT SYSTEM	DRILL, CORE, COLUMN MOUNTED, 16" BIT DIA, HYDRUALIC CHAR-LYNN 9.6 CU IN W/ ELECT POWER PACK		Elec	12.5	HP	D-Off	7		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.89	\$0.04	\$0.93	\$1.44	\$0.79	\$0.00	\$0.00	\$1.17	\$3.40	\$4.33
Standby	\$0.45	\$0.04							\$0.49	

* - Adjustable Elements

Region: 1
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Hourly Equipment Ownership and Operating Expense

D20 DRILLS, CORE, COLUMN MOUNTED (Add cost for drill steel and bit wear)

D20 0.00 DRILLS, CORE, COLUMN MOUNTED (Add c

HUSQVARNA FOREST & GARDEN CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
D20HV001	DM280, DS450	DRILL, CORE, COLUMN MOUNTED, 14" DIA MAX CORE HOLE (ADD 120V POWER SOURCE)(ADD COST FOR DRILL STEEL AND BIT WEAR)		Elec	3.3	HP	D-Off		1	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.34	\$0.02	\$0.36	\$0.38	\$0.21	\$0.00	\$0.00	\$0.45	\$1.04	\$1.40
Standby	\$0.17	\$0.02							\$0.19	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
D20HV002	DM340, DS450	DRILL, CORE, COLUMN MOUNTED, 16" DIA MAX CORE HOLE (ADD 120V POWER SOURCE)(ADD COST FOR DRILL STEEL AND BIT WEAR)		Elec	3.3	HP	D-Off		1	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.38	\$0.02	\$0.40	\$0.38	\$0.21	\$0.00	\$0.00	\$0.50	\$1.09	\$1.49
Standby	\$0.19	\$0.02							\$0.21	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

D20 DRILLS, CORE, COLUMN MOUNTED (Add cost for drill steel and bit wear)

D20 0.00 DRILLS, CORE, COLUMN MOUNTED (Add c

HUSQVARNA FOREST & GARDEN CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
D20HV003	DM650, DS900	DRILL, CORE, COLUMN MOUNTED, 24" DIA MAX CORE HOLE (ADD 120V POWER SOURCE)(ADD COST FOR DRILL STEEL AND BIT WEAR)		Elec	8	HP	D-Off		1	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.90	\$0.04	\$0.94	\$0.92	\$0.50	\$0.00	\$0.00	\$1.19	\$2.61	\$3.55
Standby	\$0.45	\$0.04							\$0.49	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
D20HV022	DM406H, DS900, PP518	HYDRAULIC DRILL, CORE, COLUMN MOUNTED, 1"-24" BIT DIA WITH PP518 GAS POWERED HYDRAULIC POWER PACK AND DRILL STAND (ADD COST FOR DRILL STEEL AND BIT WEAR)		Gas	14	HP	D-Off		4	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.65	\$0.08	\$1.73	\$2.26	\$0.18	\$0.00	\$0.00	\$2.19	\$4.62	\$6.35
Standby	\$0.83	\$0.08							\$0.91	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

D20 DRILLS, CORE, COLUMN MOUNTED (Add cost for drill steel and bit wear)

D20 0.00 DRILLS, CORE, COLUMN MOUNTED (Add c

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
D20XX069	DD 350-CA	DRILL CORE, COLUMN MOUNTED, 2-1/16" TO 19-11/16" DIAMETER RANGE, AUTO FEED, AUTO WATER CONTROL AND REBAR DETECTION		Elec	5	HP	D-Off	1		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.76	\$0.04	\$0.80	\$0.58	\$0.32	\$0.00	\$0.00	\$1.00	\$1.90	\$2.70
Standby	\$0.38	\$0.04							\$0.42	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
D20XX070	DD 500-CA	DRILL CORE, COLUMN MOUNTED, 2-1/16" TO 19-11/16" DIAMETER RANGE, AUTO FEED, AUTO WATER CONTROL AND REBAR DETECTION, 3 PHASE		Elec	7	HP	D-Off	1		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.03	\$0.05	\$1.08	\$0.81	\$0.44	\$0.00	\$0.00	\$1.36	\$2.62	\$3.70
Standby	\$0.52	\$0.05							\$0.57	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

D25 DRILLS, CORE & DOWELLING (Add cost for drill steel and bit wear)

D25 0.00 DRILLS, CORE & DOWELLING (Add cost fo

ACKER DRILL COMPANY INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
D25AD003	BUSH MASTER	DRILL, CORE, SKID MTD, 1500' MAX DRILL DEPTH, 12,400 LB THRUST, 9,300 LB PULL (ADD COST FOR DRILL STEEL AND BIT WEAR)		D-Off	69	HP	D-Off	45		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$13.32	\$0.81	\$14.13	\$6.50	\$0.76	\$0.00	\$0.00	\$20.70	\$27.97	\$42.10
Standby	\$6.66	\$0.81							\$7.47	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
D25AD004	ACE	DRILL, CORE, SKID MTD, 725' MAX DRILL DEPTH 9,424 LB THRUST, 12,566 LB PULL (ADD COST FOR DRILL STEEL AND BIT WEAR)		D-Off	28	HP	D-Off	23		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.03	\$0.43	\$7.46	\$2.64	\$0.31	\$0.00	\$0.00	\$10.92	\$13.87	\$21.33
Standby	\$3.52	\$0.43							\$3.95	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

D25 DRILLS, CORE & DOWELLING (Add cost for drill steel and bit wear)

D25 0.00 DRILLS, CORE & DOWELLING (Add cost fo

E-Z DRILL, INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
D25EZ002	210 B	DRILL, CORE, SKID MTD, 0.6"-2.5" DIA., 18" DEPTH, HORIZONTAL DOWELLING ASSEMBLY (ADD COST FOR DRILL STEEL AND BIT WEAR, ADD 100 CFM COMPRESSOR)		Air	100	CFM	D-Off	3		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.61	\$0.04	\$0.65	\$0.00	\$0.50	\$0.00	\$0.00	\$0.95	\$1.45	\$2.10
Standby	\$0.31	\$0.04							\$0.35	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
D25EZ003	210 B SRA	DRILL, CORE, SKID MTD, 0.6"-2.5" DIA., 18" DEPTH, HORIZONTAL DOWELLING ASSEMBLY (ADD COST FOR DRILL STEEL AND BIT WEAR, ADD 100 CFM COMPRESSOR)		Air	100	CFM	D-Off	3		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.69	\$0.04	\$0.73	\$0.00	\$0.50	\$0.00	\$0.00	\$1.07	\$1.57	\$2.30
Standby	\$0.35	\$0.04							\$0.39	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

D25 DRILLS, CORE & DOWELLING (Add cost for drill steel and bit wear)

D25 0.00 DRILLS, CORE & DOWELLING (Add cost fo

E-Z DRILL, INC.

			Value TEV	Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT	
D25EZ005	210-3 SRA	DRILL, CORE, SELF PROPELLED, 0.6"-2.5" DIA., 18" DEPTH, DOWELLING MACHINE (ADD COST FOR DRILL STEEL AND BIT WEAR, ADD 100 CFM COMPRESSOR)		Air	100	CFM	D-Off	12	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.51	\$0.15	\$2.66	\$0.00	\$1.25	\$0.00	\$0.00	\$3.90	\$5.15	\$7.81
Standby	\$1.26	\$0.15							\$1.41	

D30 DRILLS, EARTH / AUGER (Add cost for drill steel, cutting edge wear, and crane when applicable)

D30 0.00 DRILLS, EARTH / AUGER (Add cost for drill

DELMAG

			Value TEV	Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT	
D30DM025	RHV40	DRILLING AUGER, HARD GROUND, CRAWLER MTD, 295,000 LB-FT TORQUE, 100' MAST, 26' MAX CASING LENGTH, REMOVABLE AUGER		D-Off	543	HP	D-Off	2880	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$185.85	\$11.32	\$197.17	\$51.17	\$7.00	\$0.00	\$0.00	\$288.96	\$347.14	\$544.31
Standby	\$92.93	\$11.32							\$104.25	

* - Adjustable Elements

Region: 1
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Hourly Equipment Ownership and Operating Expense

D30 DRILLS, EARTH / AUGER (Add cost for drill steel, cutting edge wear, and crane when applicable)

D30 0.00 DRILLS, EARTH / AUGER (Add cost for drill

DELMAG

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
D30DM026	RH24/270	DRILLING AUGER, HARD GROUND, CRAWLER MTD, 200,000 LB-FT TORQUE, 80' MAST, 26' MAX CASING LENGTH, REMOVABLE AUGER		D-Off	370	HP	D-Off	1330		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$139.34	\$8.49	\$147.83	\$34.87	\$4.77	\$0.00	\$0.00	\$216.65	\$256.29	\$404.12
Standby	\$69.67	\$8.49							\$78.16	

HYDRAULIC POWER SYSTEMS, INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
D30HD001	H-15	DRILL, AUGER, HYDRAULIC, W/60' 8" X 21" LEADS, 15,000 FT-LBS TORQUE (ADD COST FOR DRILL STEEL AND CUTTING EDGE WEAR AND CRANE)		D-Off	210	HP	D-Off	146		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$19.51	\$1.19	\$20.70	\$19.79	\$4.71	\$0.00	\$0.00	\$30.34	\$54.83	\$75.53
Standby	\$9.76	\$1.19							\$10.95	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

D30 DRILLS, EARTH / AUGER (Add cost for drill steel, cutting edge wear, and crane when applicable)

D30 0.00 DRILLS, EARTH / AUGER (Add cost for drill

HYDRAULIC POWER SYSTEMS, INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
D30HD002	H-35VT	DRILL, AUGER, HYDRAULIC, W/60' 8" X 27" LEADS, 33,000 FT-LBS TORQUE (ADD COST FOR DRILL STEEL AND CUTTING EDGE WEAR AND CRANE)		D-Off	270	HP	D-Off	200		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$23.71	\$1.44	\$25.15	\$25.44	\$6.48	\$0.00	\$0.00	\$36.86	\$68.78	\$93.93
Standby	\$11.86	\$1.44							\$13.30	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
D30HD003	H-50VT	DRILL, AUGER, HYDRAULIC, W/60' 8" X 33" LEADS, 50,000 FT-LBS TORQUE (ADD COST FOR DRILL STEEL AND CUTTING EDGE WEAR AND CRANE)		D-Off	335	HP	D-Off	269		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$28.49	\$1.73	\$30.22	\$31.57	\$8.32	\$0.00	\$0.00	\$44.29	\$84.18	\$114.40
Standby	\$14.25	\$1.73							\$15.98	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

D30 DRILLS, EARTH / AUGER (Add cost for drill steel, cutting edge wear, and crane when applicable)

D30 0.00 DRILLS, EARTH / AUGER (Add cost for drill

MOBILE DRILL

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier			CWT
D30MR001	MINUTEMAN	DRILL, EARTH / AUGER, W/AUGER KIT, 3" DIA, 35' DEPTH, PORTABLE (ADD COST FOR DRILL STEEL AND CUTTING EDGE WEAR)		Gas	8	HP	D-Off			4
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.26	\$0.08	\$1.34	\$1.29	\$0.20	\$0.00	\$0.00	\$1.96	\$3.46	\$4.80
Standby	\$0.63	\$0.08							\$0.71	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier			CWT
D30MR003	B-31 TRUCK	DRILL, EARTH / AUGER, HYDRAULIC AUGER, 6" DIA, 135' DEPTH, W/19.5K GVW TRUCK (ADD COST FOR DRILL STEEL AND CUTTING EDGE WEAR)		D-Off	58	HP	Gas	230	HP	42
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$11.48	\$0.71	\$12.19	\$10.11	\$1.47	\$0.39	\$0.07	\$17.91	\$29.95	\$42.14
Standby	\$5.74	\$0.71							\$6.45	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

D30 DRILLS, EARTH / AUGER (Add cost for drill steel, cutting edge wear, and crane when applicable)

D30 0.00 DRILLS, EARTH / AUGER (Add cost for drill

MOBILE DRILL

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier			CWT
D30MR005	B-48 TRUCK	DRILL, EARTH / AUGER, MULTI-PURPOSE, 6" DIA, 300' DEPTH, W/ 19.5K GVW TRUCK (W/PTO DRIVE)(ADD COST FOR DRILL STEEL AND CUTTING EDGE WEAR)		D-Off	100	HP	Gas	230	HP	120
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$24.85	\$1.52	\$26.37	\$14.06	\$2.01	\$0.39	\$0.07	\$38.70	\$55.23	\$81.60
Standby	\$12.43	\$1.52							\$13.95	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier			CWT
D30MR006	B-60 TRUCK	DRILL, EARTH / AUGER, MULTI-PURPOSE, 8" DIA, 250' DEPTH, W/45,000 GVW TRUCK (ADD COST FOR DRILL STEEL AND CUTTING EDGE WEAR)		D-Off	115	HP	D-Off	260	HP	130
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$29.74	\$1.83	\$31.57	\$14.06	\$1.92	\$0.75	\$0.13	\$46.36	\$63.23	\$94.80
Standby	\$14.87	\$1.83							\$16.70	

* - Adjustable Elements

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Hourly Equipment Ownership and Operating Expense

D35 DRILLS, ROTARY BLASTHOLE (Add cost for drill steel and bit wear)

D35 0.11 DIESEL, 4.5" THRU 9.875" DIAMETER HO

REICHDRILL

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier			CWT
D35RL007	T-650-DII	DRILL, ROTARY BLASTHOLE, 5"-6 3/4" DIA, 35,000 LBS PULL BACK, TRUCK MTD, 200' DEEP (ADD COST FOR DRILL STEEL AND BIT WEAR)		D-Off	540	HP	D-On	505	HP	600
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$47.89	\$3.64	\$51.53	\$58.44	\$10.82	\$1.17	\$0.20	\$69.90	\$140.53	\$192.06
Standby	\$23.95	\$3.64							\$27.59	

SANDVIK [DRILLTECH]

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier			CWT
D35DT001	D25KS	DRILL, ROTARY BLASTHOLE, 5"-6.75" DIA., 27,000 LB PULLDOWN, CRAWLER, 88' DEEP(ADD COST FOR DRILL STEEL AND BIT WEAR)		D-Off	450	HP	D-Off			620
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$53.16	\$4.02	\$57.18	\$42.41	\$7.85	\$0.00	\$0.00	\$77.49	\$127.76	\$184.94
Standby	\$26.58	\$4.02							\$30.60	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

D35 DRILLS, ROTARY BLASTHOLE (Add cost for drill steel and bit wear)

D35 0.11 DIESEL, 4.5" THRU 9.875" DIAMETER HO

SANDVIK [DRILLTECH]

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
D35DT002	D245KS	DRILL, ROTARY BLASTHOLE, 5"-8" DIA., 40,000 LB PULLDOWN, CRAWLER, 148' DEEP (ADD COST FOR DRILL STEEL AND BIT WEAR)		D-Off	450	HP	D-Off		720	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$53.12	\$4.01	\$57.13	\$42.41	\$7.85	\$0.00	\$0.00	\$77.43	\$127.69	\$184.82
Standby	\$26.56	\$4.01							\$30.57	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
D35DT003	D45KS	DRILL, ROTARY BLASTHOLE, 6"-9" DIA., 45,000 LB PULLDOWN, CRAWLER, 208' DEEP (ADD COST FOR DRILL STEEL AND BIT WEAR)		D-Off	450	HP	D-Off		1050	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$59.70	\$4.51	\$64.21	\$42.41	\$7.85	\$0.00	\$0.00	\$87.02	\$137.28	\$201.49
Standby	\$29.85	\$4.51							\$34.36	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

D35 DRILLS, ROTARY BLASTHOLE (Add cost for drill steel and bit wear)

D35 0.11 DIESEL, 4.5" THRU 9.875" DIAMETER HO

SANDVIK [DRILLTECH]

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
D35DT004	D50KS	DRILL, ROTARY BLASTHOLE, 6"-9.875" DIA., 50,000 LB PULLDOWN, CRAWLER, 148' DEEP (ADD COST FOR DRILL STEEL AND BIT WEAR)		D-Off	525	HP	D-Off	1050		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$64.36	\$4.86	\$69.22	\$49.48	\$9.16	\$0.00	\$0.00	\$93.81	\$152.45	\$221.67
Standby	\$32.18	\$4.86							\$37.04	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
D35DT005	D55SP	DRILL, ROTARY BLASTHOLE, 6.75"-10" DIA., 45,000 LB PULLDOWN, CRAWLER, 55' DEEP (SINGLE PASS) (ADD COST FOR DRILL STEEL AND BIT WEAR)		D-Off	760	HP	D-Off	1320		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$95.09	\$7.18	\$102.27	\$71.62	\$13.26	\$0.00	\$0.00	\$138.60	\$223.48	\$325.75
Standby	\$47.55	\$7.18							\$54.73	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

D35 DRILLS, ROTARY BLASTHOLE (Add cost for drill steel and bit wear)

D35 0.12 DIESEL, OVER 9.875" DIAMETER (Add cos

ATLAS COPCO WAGNER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
D35WG001	T2W	DRILL, ROTARY BLASTHOLE, WATER WELL, 6"-24" DIA., 40,000 LB PULL BACK, TRUCK MTD (ADD COST FOR DRILL STEEL AND BIT WEAR)		D-On	425	HP	D-Off	447		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$36.84	\$3.57	\$40.41	\$48.29	\$7.55	\$1.56	\$0.27	\$53.80	\$111.47	\$151.88
Standby	\$18.42	\$3.57							\$21.99	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
D35WG002	TH60	DRILL, ROTARY BLASTHOLE, WATER WELL, 5"-20" DIA., 40,000 LB PULL BACK, TRUCK MTD (ADD COST FOR DRILL STEEL AND BIT WEAR)		D-On	600	HP	D-Off	549		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$37.75	\$3.65	\$41.40	\$68.17	\$10.66	\$1.56	\$0.27	\$55.12	\$135.78	\$177.18
Standby	\$18.88	\$3.65							\$22.53	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

D35 DRILLS, ROTARY BLASTHOLE (Add cost for drill steel and bit wear)

D35 0.12 DIESEL, OVER 9.875" DIAMETER (Add cos

ATLAS COPCO WAGNER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
D35WG003	TH60DH	DRILL, ROTARY BLASTHOLE, WATER WELL, 5"-20" DIA., 70,000 LB PULL BACK, TRUCK MTD (ADD COST FOR DRILL STEEL AND BIT WEAR)		D-On	600	HP	D-Off	549		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$40.79	\$3.94	\$44.73	\$68.17	\$10.66	\$1.56	\$0.27	\$59.56	\$140.23	\$184.96
Standby	\$20.40	\$3.94							\$24.34	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
D35WG004	T3W	DRILL, ROTARY BLASTHOLE, WATER WELL, 6"-24" DIA., 40,000 LB PULL BACK, TRUCK MTD (ADD COST FOR DRILL STEEL AND BIT WEAR)		D-On	380	HP	D-Off	660		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$38.70	\$3.74	\$42.44	\$43.18	\$6.75	\$1.56	\$0.27	\$56.51	\$108.28	\$150.72
Standby	\$19.35	\$3.74							\$23.09	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

D35 DRILLS, ROTARY BLASTHOLE (Add cost for drill steel and bit wear)

D35 0.12 DIESEL, OVER 9.875" DIAMETER (Add cos

ATLAS COPCO WAGNER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
D35WG005	T3WDH	DRILL, ROTARY BLASTHOLE, WATER WELL, 6"-24" DIA., 70,000 LB PULL BACK, TRUCK MTD (ADD COST FOR DRILL STEEL AND BIT WEAR)		D-On	380	HP	D-Off	668		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$41.95	\$4.06	\$46.01	\$43.18	\$6.75	\$1.56	\$0.27	\$61.25	\$113.01	\$159.02
Standby	\$20.98	\$4.06							\$25.04	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
D35WG006	T4W	DRILL, ROTARY BLASTHOLE, WATER WELL, 6"-20" DIA., 50,000 LB PULL BACK, TRUCK MTD (ADD COST FOR DRILL STEEL AND BIT WEAR)		D-On	755	HP	D-Off	605		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$42.12	\$4.07	\$46.19	\$85.78	\$13.42	\$1.56	\$0.27	\$61.49	\$162.52	\$208.71
Standby	\$21.06	\$4.07							\$25.13	

* - Adjustable Elements

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Hourly Equipment Ownership and Operating Expense

D35 DRILLS, ROTARY BLASTHOLE (Add cost for drill steel and bit wear)

D35 0.12 DIESEL, OVER 9.875" DIAMETER (Add cos

SANDVIK [DRILLTECH]

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
D35DT006	D75KS	DRILL, ROTARY BLASTHOLE, 9"-11" DIA., 75,000 LB PULLDOWN, CRAWLER, 173' DEEP (ADD COST FOR DRILL STEEL AND BIT WEAR)		D-Off	760	HP	D-Off	1400		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$66.71	\$6.39	\$73.10	\$71.62	\$11.20	\$0.00	\$0.00	\$97.24	\$180.06	\$253.16
Standby	\$33.36	\$6.39							\$39.75	

F10 FORK LIFTS

F10 0.00 FORK LIFTS

CASE CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
F10CS035	588H	FORK LIFT, ROUGH TERRAIN, 4,000 LB CAPCITY, 22' HIGH STRAIGHT MAST, 4X4		D-Off	68	HP	D-Off	170		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$10.14	\$0.58	\$10.72	\$5.23	\$0.61	\$0.67	\$0.12	\$11.79	\$18.42	\$29.14
Standby	\$5.07	\$0.58							\$5.65	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

F10 FORK LIFTS

F10 0.00 FORK LIFTS

CASE CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
F10CS037	586H	FORK LIFT, ROUGH TERRAIN, 3,000 LB CAPACITY, 22' HIGH STRAIGHT MAST, 4X4		D-Off	68	HP	D-Off	146		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.79	\$0.50	\$9.29	\$5.23	\$0.61	\$0.67	\$0.12	\$10.24	\$16.87	\$26.16
Standby	\$4.40	\$0.50							\$4.90	

JCB INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
F10JC001	930	FORK LIFT, ROUGH TERRAIN, 6,000 LBS @ 22' HIGH STRAIGHT MAST, 4X4		D-Off	74	HP	D-Off	148		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.49	\$0.38	\$6.87	\$5.69	\$0.67	\$0.98	\$0.17	\$7.57	\$15.08	\$21.95
Standby	\$3.25	\$0.38							\$3.63	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
F10JC002	940	FORK LIFT, ROUGH TERRAIN, 8,000 LBS @ 22' HIGH STRAIGHT MAST, 4X4		D-Off	74	HP	D-Off	168		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.18	\$0.41	\$7.59	\$5.69	\$0.67	\$0.98	\$0.17	\$8.38	\$15.89	\$23.48
Standby	\$3.59	\$0.41							\$4.00	

* - Adjustable Elements

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Hourly Equipment Ownership and Operating Expense

F10 FORK LIFTS

F10 0.00 FORK LIFTS

JCB INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
F10JC014	950	FRONT LIFT, ROUGH TERRAIN, 10K LBS RATED @ 22' HIGH, STRAIGHT MAST, 4X4		D-Off	74	HP	D-Off	173		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.83	\$0.45	\$8.28	\$5.69	\$0.67	\$0.98	\$0.17	\$9.13	\$16.64	\$24.92
Standby	\$3.92	\$0.45							\$4.37	

G10 GENERATOR SETS

G10 0.10 PORTABLE

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
G10XX017	80 KW	GENERATOR SET, TRAILER MTD, 80 KW, 1P - TRLR MTD 240V, 3P - 480/208V		D-Off	115	HP	D-Off	40		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.92	\$0.22	\$6.14	\$8.84	\$1.04	\$0.05	\$0.01	\$4.79	\$14.73	\$20.87
Severe	\$6.77	\$0.23	\$7.00	\$11.69	\$1.37	\$0.14	\$0.02	\$6.39	\$19.62	\$26.62
Standby	\$2.96	\$0.22							\$3.18	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G10 GENERATOR SETS

G10 0.10 PORTABLE

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
G10XX018	120 KW TRLR MTD	GENERATOR SET, TRAILER MTD, 120 KW, 1P - 120/240V, 3P 120/208V, 3P 120/240V, 3P 277/480V		D-Off	165	HP	D-Off	82		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.22	\$0.35	\$9.57	\$12.69	\$1.49	\$0.10	\$0.02	\$7.47	\$21.76	\$31.33
Severe	\$10.54	\$0.35	\$10.89	\$16.78	\$1.97	\$0.29	\$0.05	\$9.95	\$29.04	\$39.93
Standby	\$4.61	\$0.35							\$4.96	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
G10XX042	2KW PORTABLE	GENERATOR SET, PORTABLE, 2KW, 1P, 120V		Gas	2.7	HP	D-Off	1		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.09	\$0.00	\$0.09	\$0.36	\$0.04	\$0.00	\$0.00	\$0.07	\$0.48	\$0.57
Severe	\$0.11	\$0.00	\$0.11	\$0.47	\$0.06	\$0.00	\$0.00	\$0.10	\$0.62	\$0.73
Standby	\$0.05	\$0.00							\$0.05	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G10 GENERATOR SETS

G10 0.10 PORTABLE

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
G10XX043	3KW PORTABLE	GENERATOR SET, PORTABLE, 3KW, 1P, 120V		Gas	4	HP	D-Off		1	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.10	\$0.00	\$0.10	\$0.53	\$0.06	\$0.00	\$0.00	\$0.08	\$0.67	\$0.77
Severe	\$0.12	\$0.00	\$0.12	\$0.69	\$0.08	\$0.00	\$0.00	\$0.11	\$0.88	\$1.00
Standby	\$0.05	\$0.00							\$0.05	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
G10XX044	6.5KW PORTABLE	GENERATOR SET, PORTABLE, 6.5KW, 120/240V		Gas	8.7	HP	D-Off		2	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.10	\$0.00	\$0.10	\$1.15	\$0.13	\$0.00	\$0.00	\$0.08	\$1.37	\$1.47
Severe	\$0.12	\$0.00	\$0.12	\$1.50	\$0.18	\$0.00	\$0.00	\$0.11	\$1.79	\$1.91
Standby	\$0.05	\$0.00							\$0.05	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G10 GENERATOR SETS

G10 0.10 PORTABLE

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
G10XX045	8KW TRAILER MTD	GENERATOR SET, TRAILER MOUNTED, 8 KW, 1P, 240V		D-Off	10.7	HP	D-Off	11		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.17	\$0.04	\$1.21	\$0.82	\$0.10	\$0.04	\$0.01	\$0.95	\$1.91	\$3.12
Severe	\$1.34	\$0.05	\$1.39	\$1.09	\$0.13	\$0.12	\$0.02	\$1.27	\$2.63	\$4.02
Standby	\$0.59	\$0.04							\$0.63	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
G10XX046	13KW TRAILER MTD	GENERATOR SET, TRAILER MOUNTED, 13 KW, 1P, 240V		D-Off	22.3	HP	D-Off	18		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.65	\$0.06	\$1.71	\$1.71	\$0.20	\$0.04	\$0.01	\$1.34	\$3.30	\$5.01
Severe	\$1.88	\$0.06	\$1.94	\$2.27	\$0.27	\$0.13	\$0.02	\$1.78	\$4.47	\$6.41
Standby	\$0.83	\$0.06							\$0.89	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G10 GENERATOR SETS

G10 0.10 PORTABLE

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
G10XX047	30KW TRAILER MTD	GENERATOR SET, TRAILER MOUNTED, 30 KW, 1P 120/240V, 3P 120/208V, 3P 277/480V		D-Off	44	HP	D-Off	32		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.82	\$0.14	\$3.96	\$3.38	\$0.40	\$0.05	\$0.01	\$3.09	\$6.93	\$10.89
Severe	\$4.37	\$0.15	\$4.52	\$4.47	\$0.52	\$0.14	\$0.02	\$4.12	\$9.29	\$13.81
Standby	\$1.91	\$0.14							\$2.05	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
G10XX048	35KW TRAILER MTD	GENERATOR SET, TRAILER MOUNTED, 35 KW, 1P 120/240V, 3P 120/208V, 3P 277/480V		D-Off	57	HP	D-Off	34		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.94	\$0.15	\$4.09	\$4.38	\$0.51	\$0.05	\$0.01	\$3.19	\$8.14	\$12.23
Severe	\$4.51	\$0.15	\$4.66	\$5.80	\$0.68	\$0.14	\$0.02	\$4.26	\$10.91	\$15.57
Standby	\$1.97	\$0.15							\$2.12	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G10 GENERATOR SETS

G10 0.10 PORTABLE

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
G10XX049	50KW TRAILER MTD	GENERATOR SET, TRAILER MOUNTED, 50 KW, 1P 120/240V, 3P 120/208V, 3P 277/480V		D-Off	67	HP	D-Off	34		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.15	\$0.16	\$4.31	\$5.15	\$0.60	\$0.05	\$0.01	\$3.36	\$9.17	\$13.48
Severe	\$4.75	\$0.16	\$4.91	\$6.81	\$0.80	\$0.14	\$0.02	\$4.48	\$12.26	\$17.17
Standby	\$2.08	\$0.16							\$2.24	

WACKER CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
G10WC001	GP 3800A	GENERATOR SET, PORTABLE, 3.7 KW, 120/240V, 60 HZ		Gas	8	HP	D-Off	2		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.21	\$0.01	\$0.22	\$1.06	\$0.12	\$0.00	\$0.00	\$0.17	\$1.35	\$1.57
Severe	\$0.24	\$0.01	\$0.25	\$1.38	\$0.16	\$0.00	\$0.00	\$0.22	\$1.77	\$2.02
Standby	\$0.11	\$0.01							\$0.12	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G10 GENERATOR SETS

G10 0.10 PORTABLE

WACKER CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
G10WC002	GP 5600A	GENERATOR SET, PORTABLE, 5.6 KW, 120/240V, 60 HZ		Gas	11	HP	D-Off	2		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.31	\$0.01	\$0.32	\$1.45	\$0.17	\$0.00	\$0.00	\$0.25	\$1.87	\$2.19
Severe	\$0.35	\$0.01	\$0.36	\$1.90	\$0.22	\$0.00	\$0.00	\$0.33	\$2.45	\$2.81
Standby	\$0.16	\$0.01							\$0.17	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
G10WC004	GPS 9700V	GENERATOR SET, PORTABLE, 9.7 KW, 120/240V, 60 HZ, WITH ELECTRIC START		Gas	18	HP	D-Off	2		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.43	\$0.02	\$0.45	\$2.38	\$0.28	\$0.00	\$0.00	\$0.35	\$3.01	\$3.46
Severe	\$0.50	\$0.02	\$0.52	\$3.10	\$0.36	\$0.00	\$0.00	\$0.47	\$3.93	\$4.45
Standby	\$0.22	\$0.02							\$0.24	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G10 GENERATOR SETS

G10 0.20 SKID MOUNTED

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
G10CA012	C9 250KW	GENERATOR SET, SKID MTD, 250 EKW, 313 KVA, 208 VOLT, 60 HZ PGS PRIME		D-Off	480	HP	D-Off	100		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.92	\$0.36	\$8.28	\$36.90	\$4.33	\$0.00	\$0.00	\$7.48	\$48.71	\$56.99
Severe	\$9.90	\$0.37	\$10.27	\$48.81	\$5.73	\$0.00	\$0.00	\$10.68	\$65.22	\$75.49
Standby	\$3.96	\$0.36							\$4.32	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
G10CA013	C9 300KW	GENERATOR SET, SKID MTD, 300 EKW, 375 KVA, 240/480 VOLT, 60 HZ PGS PRIME		D-Off	480	HP	D-Off	75		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.33	\$0.38	\$8.71	\$36.90	\$4.33	\$0.00	\$0.00	\$7.87	\$49.09	\$57.80
Severe	\$10.42	\$0.39	\$10.81	\$48.81	\$5.73	\$0.00	\$0.00	\$11.24	\$65.77	\$76.58
Standby	\$4.17	\$0.38							\$4.55	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G10 GENERATOR SETS

G10 0.20 SKID MOUNTED

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT	
G10CA014	C15 500KW	GENERATOR SET, SKID MTD, 500 EKW, 480V, 60 HZ		D-Off	450	HP	D-Off	72	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$10.00	\$0.46	\$10.46	\$34.60	\$4.06	\$0.00	\$0.00	\$9.44	\$48.10	\$58.56
Severe	\$12.51	\$0.47	\$12.98	\$45.76	\$5.37	\$0.00	\$0.00	\$13.49	\$64.62	\$77.60
Standby	\$5.00	\$0.46							\$5.46	

			Value TEV	Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT	
G10CA021	C18	GENERATOR SET, SKID MTD, 600 EKW, 750 KVA, 208-600V, 60 HZ PGS PRIME		D-Off	900	HP	D-Off	167	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$11.60	\$0.53	\$12.13	\$69.19	\$8.12	\$0.00	\$0.00	\$10.95	\$88.26	\$100.39
Severe	\$14.50	\$0.55	\$15.05	\$91.51	\$10.73	\$0.00	\$0.00	\$15.64	\$117.89	\$132.94
Standby	\$5.80	\$0.53							\$6.33	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G10 GENERATOR SETS

G100.20SKID MOUNTED

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
G10CA022	C7.1	GENERATOR SET, SKID MTD, 200 EKW, 240/480V, 60 HZ PGS PRIME		D-Off	302	HP	D-Off	40		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.34	\$0.20	\$4.54	\$23.22	\$2.72	\$0.00	\$0.00	\$4.10	\$30.04	\$34.58
Severe	\$5.43	\$0.20	\$5.63	\$30.71	\$3.60	\$0.00	\$0.00	\$5.85	\$40.17	\$45.80
Standby	\$2.17	\$0.20							\$2.37	

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
G10XX005	20KW	GENERATOR SET, SKID MTD, 20 KW		D-Off	33.5	HP	D-Off	17		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.24	\$0.06	\$1.30	\$2.58	\$0.30	\$0.00	\$0.00	\$1.17	\$4.05	\$5.35
Severe	\$1.55	\$0.06	\$1.61	\$3.41	\$0.40	\$0.00	\$0.00	\$1.67	\$5.48	\$7.09
Standby	\$0.62	\$0.06							\$0.68	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G10 GENERATOR SETS

G10 0.20 SKID MOUNTED

NO SPECIFIC MANUFACTURER

						Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description				12/1/2017	Main		Carrier	CWT
G10XX014	550D	GENERATOR SET, SKID MTD, 550 KW					D-Off	783 HP	D-Off	195
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$17.90	\$0.82	\$18.72	\$60.20	\$7.06	\$0.00	\$0.00	\$16.90	\$84.16	\$102.88
Severe	\$22.38	\$0.84	\$23.22	\$79.62	\$9.34	\$0.00	\$0.00	\$24.14	\$113.10	\$136.32
Standby	\$8.95	\$0.82							\$9.77	

						Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description				12/1/2017	Main		Carrier	CWT
G10XX015	800D	GENERATOR SET, SKID MTD, 800 KW					D-Off	1214 HP	D-Off	140
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$20.55	\$0.94	\$21.49	\$93.33	\$10.95	\$0.00	\$0.00	\$19.39	\$123.67	\$145.16
Severe	\$25.69	\$0.97	\$26.66	\$123.44	\$14.48	\$0.00	\$0.00	\$27.71	\$165.63	\$192.29
Standby	\$10.28	\$0.94							\$11.22	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G10 GENERATOR SETS

G10 0.20 SKID MOUNTED

NO SPECIFIC MANUFACTURER

						Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description				12/1/2017	Main		Carrier	CWT
G10XX016	1000D	GENERATOR SET, SKID MTD, 1,000 KW					D-Off	1474 HP	D-Off	154
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$19.40	\$0.89	\$20.29	\$113.32	\$13.29	\$0.00	\$0.00	\$18.31	\$144.92	\$165.21
Severe	\$24.25	\$0.91	\$25.16	\$149.88	\$17.58	\$0.00	\$0.00	\$26.16	\$193.62	\$218.78
Standby	\$9.70	\$0.89							\$10.59	

						Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description				12/1/2017	Main		Carrier	CWT
G10XX050	36KW SKID MTD	GENERATOR SET, SKID MOUNTED, 36 KW 45 KVA, 3P, 120/240, 277/480, 60HZ					D-Off	74 HP	D-Off	17
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.99	\$0.09	\$2.08	\$5.69	\$0.67	\$0.00	\$0.00	\$1.87	\$8.23	\$10.31
Severe	\$2.48	\$0.09	\$2.57	\$7.52	\$0.88	\$0.00	\$0.00	\$2.68	\$11.08	\$13.65
Standby	\$1.00	\$0.09							\$1.09	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G10 GENERATOR SETS

G10 0.20 SKID MOUNTED

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
G10XX053	225KW	GENERATOR SET, SKID MOUNTED, 225KW, 280 KVA, 3P, 120/240, 277/480, 60HZ		D-Off	580	HP	D-Off	85		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.11	\$0.19	\$4.30	\$44.59	\$5.23	\$0.00	\$0.00	\$3.88	\$53.70	\$58.00
Severe	\$5.14	\$0.19	\$5.33	\$58.97	\$6.92	\$0.00	\$0.00	\$5.54	\$71.43	\$76.76
Standby	\$2.06	\$0.19							\$2.25	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
G10XX054	120KW	GENERATOR SET, SKID MOUNTED, 120KW, 150 KVA, 3P, 110/220, 277/480, 60HZ		D-Off	241	HP	D-Off	55		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.68	\$0.21	\$4.89	\$18.53	\$2.17	\$0.00	\$0.00	\$4.42	\$25.12	\$30.01
Severe	\$5.85	\$0.22	\$6.07	\$24.50	\$2.87	\$0.00	\$0.00	\$6.31	\$33.69	\$39.76
Standby	\$2.34	\$0.21							\$2.55	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G10 GENERATOR SETS

G10 0.20 SKID MOUNTED

NO SPECIFIC MANUFACTURER

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
G10XX055	100KW	GENERATOR SET, SKID MOUNTED, 100KW, 125 KVA, 3P, 120/240, 277/480, 60HZ			D-Off	166	HP	D-Off	58	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.47	\$0.16	\$3.63	\$12.76	\$1.50	\$0.00	\$0.00	\$3.28	\$17.53	\$21.16
Severe	\$4.34	\$0.16	\$4.50	\$16.88	\$1.98	\$0.00	\$0.00	\$4.68	\$23.54	\$28.04
Standby	\$1.74	\$0.16							\$1.90	

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
G10XX056	64KW	GENERATOR SET, SKID MOUNTED, 64KW, 80 KVA, 3P, 120/240, 277/480, 60HZ			D-Off	133	HP	D-Off	50	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.17	\$0.15	\$3.32	\$10.23	\$1.20	\$0.00	\$0.00	\$2.99	\$14.42	\$17.74
Severe	\$3.96	\$0.15	\$4.11	\$13.52	\$1.59	\$0.00	\$0.00	\$4.27	\$19.38	\$23.49
Standby	\$1.59	\$0.15							\$1.74	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G10 GENERATOR SETS

G100.20SKID MOUNTED

NO SPECIFIC MANUFACTURER

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
G10XX057	45KW	GENERATOR SET, SKID MOUNTED, 45KW, 56 KVA, 3P, 120/240, 277/480, 60HZ			D-Off	74	HP	D-Off	22	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.09	\$0.10	\$2.19	\$5.69	\$0.67	\$0.00	\$0.00	\$1.97	\$8.33	\$10.52
Severe	\$2.61	\$0.10	\$2.71	\$7.52	\$0.88	\$0.00	\$0.00	\$2.82	\$11.22	\$13.93
Standby	\$1.05	\$0.10							\$1.15	

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
G10XX058	720KW	GENERATOR SET, SKID MOUNTED, 720KW, 900 KVA, 3P, 120/208, 277/480, 60HZ			D-Off	1195	HP	D-Off	212	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$15.81	\$0.72	\$16.53	\$91.87	\$10.78	\$0.00	\$0.00	\$14.92	\$117.57	\$134.10
Severe	\$19.76	\$0.74	\$20.50	\$121.51	\$14.25	\$0.00	\$0.00	\$21.32	\$157.08	\$177.58
Standby	\$7.91	\$0.72							\$8.63	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G10 GENERATOR SETS

G10 0.20 SKID MOUNTED

NO SPECIFIC MANUFACTURER

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
G10XX059	1400KW	GENERATOR SET, SKID MOUNTED, 1400KW, 1750 KVA, 3P, 277/480, 60 HZ			D-Off	2174	HP	D-Off	337	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$36.73	\$1.68	\$38.41	\$167.14	\$19.61	\$0.00	\$0.00	\$34.67	\$221.41	\$259.82
Severe	\$45.92	\$1.73	\$47.65	\$221.05	\$25.93	\$0.00	\$0.00	\$49.53	\$296.51	\$344.16
Standby	\$18.37	\$1.68							\$20.05	

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
G10XX060	200KW	GENERATOR SET, SKID MOUNTED, 200KW, 250 KVA, 3P, 110/220, 277/480, 60 HZ			D-Off	322	HP	D-Off	100	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.04	\$0.28	\$6.32	\$24.76	\$2.90	\$0.00	\$0.00	\$5.70	\$33.37	\$39.69
Severe	\$7.56	\$0.28	\$7.84	\$32.74	\$3.84	\$0.00	\$0.00	\$8.15	\$44.73	\$52.57
Standby	\$3.02	\$0.28							\$3.30	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G10 GENERATOR SETS

G10 0.20 SKID MOUNTED

NO SPECIFIC MANUFACTURER

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
G10XX061	400KW	GENERATOR SET, SKID MOUNTED, 400KW, 500KVA, 3P, 120/240, 277/480, 60 HZ			D-Off	650	HP	D-Off	150	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.92	\$0.45	\$10.37	\$49.97	\$5.86	\$0.00	\$0.00	\$9.36	\$65.19	\$75.56
Severe	\$12.40	\$0.47	\$12.87	\$66.09	\$7.75	\$0.00	\$0.00	\$13.37	\$87.22	\$100.09
Standby	\$4.96	\$0.45							\$5.41	

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
G10XX062	280KW	GENERATOR SET, SKID MTD, 280KW, 350KVA, 3P, 120/240, 277/480, 60 HZ			D-Off	450	HP	D-Off	105	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.29	\$0.33	\$7.62	\$34.60	\$4.06	\$0.00	\$0.00	\$6.88	\$45.54	\$53.16
Severe	\$9.11	\$0.34	\$9.45	\$45.76	\$5.37	\$0.00	\$0.00	\$9.83	\$60.95	\$70.40
Standby	\$3.65	\$0.33							\$3.98	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G15 GRADERS, MOTOR

G15 0.00 GRADERS, MOTOR

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
G15CA001	120-M2	GRADER, MOTOR, ARTICULATED, 6X4, 12' BLADE W/11 TEETH SCARIFIERS		D-Off	145	HP	D-Off	399		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$21.01	\$1.88	\$22.89	\$10.43	\$1.73	\$5.17	\$0.89	\$25.82	\$44.04	\$66.93
Severe	\$22.57	\$1.89	\$24.46	\$13.31	\$2.20	\$14.72	\$2.54	\$31.43	\$64.20	\$88.66
Standby	\$10.51	\$1.88							\$12.39	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
G15CA003	12-M3	GRADER, MOTOR, ARTICULATED, 6X4, 12' BLADE W/11 TEETH SCARIFIERS		D-Off	179	HP	D-Off	396		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$23.08	\$2.06	\$25.14	\$12.87	\$2.13	\$5.17	\$0.89	\$28.34	\$49.41	\$74.55
Severe	\$24.79	\$2.07	\$26.86	\$16.43	\$2.72	\$14.72	\$2.54	\$34.50	\$70.91	\$97.77
Standby	\$11.54	\$2.06							\$13.60	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G15 GRADERS, MOTOR

G15 0.00 GRADERS, MOTOR

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
G15CA004	140-M3	GRADER, MOTOR, ARTICULATED, 6X4, 14' BLADE W/5 RIPPER/SCARIFIERS		D-Off	200	HP	D-Off	440		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$25.78	\$2.29	\$28.07	\$14.38	\$2.38	\$5.17	\$0.89	\$31.63	\$54.45	\$82.52
Severe	\$27.69	\$2.30	\$29.99	\$18.35	\$3.04	\$14.72	\$2.54	\$38.50	\$77.14	\$107.13
Standby	\$12.89	\$2.29							\$15.18	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
G15CA005	14-M3	GRADER, MOTOR, ARTICULATED, 6X4, 14' BLADE W/7 SHANK RIPPER		D-Off	259	HP	D-Off	573		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$33.16	\$2.96	\$36.12	\$18.63	\$3.09	\$7.40	\$1.28	\$40.72	\$71.11	\$107.23
Severe	\$35.62	\$2.97	\$38.59	\$23.77	\$3.94	\$21.06	\$3.63	\$49.56	\$101.96	\$140.55
Standby	\$16.58	\$2.96							\$19.54	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G15 GRADERS, MOTOR

G15 0.00 GRADERS, MOTOR

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
G15CA009	160-M3	GRADER, MOTOR, ARTICULATED, 6X4, 16' BLADE W/9 RIPPER/SCARIFIERS		D-Off	221	HP	D-Off	455		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$26.96	\$2.39	\$29.35	\$15.89	\$2.63	\$5.17	\$0.89	\$33.06	\$57.65	\$87.00
Severe	\$28.96	\$2.40	\$31.36	\$20.28	\$3.36	\$14.72	\$2.54	\$40.25	\$81.14	\$112.50
Standby	\$13.48	\$2.39							\$15.87	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
G15CA010	12M3 AWD	GRADER, MOTOR, ARTICULATED, 6X6, 12' BLADE W/11 TEETH SCARIFIERS		D-Off	252	HP	D-Off	427		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$26.88	\$2.39	\$29.27	\$18.12	\$3.00	\$5.85	\$1.01	\$32.96	\$60.95	\$90.22
Severe	\$28.87	\$2.40	\$31.27	\$23.12	\$3.83	\$17.25	\$2.98	\$40.12	\$87.30	\$118.57
Standby	\$13.44	\$2.39							\$15.83	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G15 GRADERS, MOTOR

G15 0.00 GRADERS, MOTOR

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
G15CA012	160M3 AWD	GRADER, MOTOR, ARTICULATED, 6X4, 16' BLADE W/11 TEETH SCARIFIERS AND RIPPER		D-Off	293	HP	D-Off	456		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$30.50	\$2.70	\$33.20	\$21.07	\$3.49	\$5.17	\$0.89	\$37.37	\$67.99	\$101.19
Severe	\$32.75	\$2.71	\$35.46	\$26.89	\$4.45	\$14.72	\$2.54	\$45.48	\$94.08	\$129.54
Standby	\$15.25	\$2.70							\$17.95	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
G15CA038	120M2 AWD	MOTOR GRADER, ARTICULATED, 6X6, 12' BLADE		D-Off	145	HP	D-Off	376		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$22.47	\$2.00	\$24.47	\$10.43	\$1.73	\$5.40	\$0.93	\$27.58	\$46.06	\$70.53
Severe	\$24.13	\$2.01	\$26.14	\$13.31	\$2.20	\$15.90	\$2.74	\$33.57	\$67.73	\$93.87
Standby	\$11.24	\$2.00							\$13.24	

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

G15 GRADERS, MOTOR

G15 0.00 GRADERS, MOTOR

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
G15CA039	140M3 AWD	MOTOR GRADER, ARTICULATED, 6X6, 14' BLADE		D-Off	200	HP	D-Off	399		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$25.70	\$2.28	\$27.98	\$14.38	\$2.38	\$5.40	\$0.93	\$31.51	\$54.60	\$82.58
Severe	\$27.60	\$2.29	\$29.89	\$18.35	\$3.04	\$15.90	\$2.74	\$38.36	\$78.39	\$108.28
Standby	\$12.85	\$2.28							\$15.13	

JOHN DEERE

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
G15JD008	670G	GRADER, MOTOR, ARTICULATED, 6X4, AWD, 12' BLADE W/5 RIPPER/SCARIFIERS		D-Off	235	HP	D-Off	423		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$14.44	\$1.31	\$15.75	\$16.90	\$2.80	\$5.17	\$0.89	\$17.82	\$43.58	\$59.33
Severe	\$15.51	\$1.32	\$16.83	\$21.56	\$3.57	\$14.72	\$2.54	\$21.69	\$64.08	\$80.91
Standby	\$7.22	\$1.31							\$8.53	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G15 GRADERS, MOTOR

G15 0.00 GRADERS, MOTOR

JOHN DEERE

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
G15JD009	672G	GRADER, MOTOR, ARTICULATED, 6X6, AWD, 12' BLADE W/5 RIPPER/SCARIFIERS		D-Off	255	HP	D-Off	440		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$16.75	\$1.51	\$18.26	\$18.34	\$3.04	\$5.85	\$1.01	\$20.63	\$48.87	\$67.13
Severe	\$17.99	\$1.52	\$19.51	\$23.40	\$3.88	\$17.25	\$2.98	\$25.11	\$72.62	\$92.13
Standby	\$8.38	\$1.51							\$9.89	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
G15JD010	770G	GRADER, MOTOR, ARTICULATED, 6X4, AWD, 12' BLADE W/5 RIPPER/SCARIFIERS		D-Off	255	HP	D-Off	428		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$15.80	\$1.43	\$17.23	\$18.34	\$3.04	\$5.17	\$0.89	\$19.47	\$46.92	\$64.15
Severe	\$16.97	\$1.44	\$18.41	\$23.40	\$3.88	\$14.72	\$2.54	\$23.71	\$68.24	\$86.65
Standby	\$7.90	\$1.43							\$9.33	

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

G15 GRADERS, MOTOR

G15 0.00 GRADERS, MOTOR

JOHN DEERE

			Value TEV	Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT	
G15JD011	772G	GRADER, MOTOR, ARTICULATED, 6X6, AWD, 12' BLADE W/5 RIPPER/SCARIFIERS		D-Off	275	HP	D-Off	446	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$18.47	\$1.66	\$20.13	\$19.78	\$3.28	\$5.85	\$1.01	\$22.72	\$52.64	\$72.77
Severe	\$19.83	\$1.67	\$21.50	\$25.23	\$4.18	\$17.25	\$2.98	\$27.66	\$77.30	\$98.80
Standby	\$9.24	\$1.66							\$10.90	

LEE-BOY

			Value TEV	Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT	
G15LD008	685D	GRADER, MOTOR, ARTICULATED, 6X6, 12' BLADE W/9 TEETH SCARIFIERS AND RIPPER		D-Off	130	HP	D-Off	170	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$10.76	\$0.95	\$11.71	\$9.35	\$1.55	\$1.07	\$0.18	\$13.17	\$25.32	\$37.03
Severe	\$11.55	\$0.95	\$12.50	\$11.93	\$1.98	\$3.14	\$0.54	\$16.03	\$33.62	\$46.12
Standby	\$5.38	\$0.95							\$6.33	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H10 HAMMERS, HYDRAULIC (Demolition tool) (Add cost for point wear)

H10 0.00 HAMMERS, HYDRAULIC (Demolition tool) (

NPK CONSTRUCTION EQUIPMENT

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
H10NP019	PH-06	HAMMERS, HYDRAULIC, 150 FT-LBS, IMPACT FREQUENCY 840 BPM (ADD 2,400-4,400 LB EXCAVATOR)(ADD COST FOR POINT WEAR)						D-Off	D-Off	2	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$0.96	\$0.03	\$0.99	\$0.00	\$0.80	\$0.00	\$0.00	\$1.49	\$2.29	\$3.28	
Standby	\$0.48	\$0.03							\$0.51		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
H10NP020	PH-07	HAMMERS, HYDRAULIC, 200 FT-LBS, IMPACT FREQUENCY 850 BPM (ADD 3,000-5,500 LB EXCAVATOR)(ADD COST FOR POINT WEAR)						D-Off	D-Off	3	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$1.00	\$0.04	\$1.04	\$0.00	\$0.80	\$0.00	\$0.00	\$1.55	\$2.35	\$3.39	
Standby	\$0.50	\$0.04							\$0.54		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H10 HAMMERS, HYDRAULIC (Demolition tool) (Add cost for point wear)

H10 0.00 HAMMERS, HYDRAULIC (Demolition tool) (

NPK CONSTRUCTION EQUIPMENT

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
H10NP021	PH-1	HAMMERS, HYDRAULIC, 350 FT-LBS, IMPACT FREQUENCY 830 BPM (ADD 4,000-7,000 LB EXCAVATOR)(ADD COST FOR POINT WEAR)						D-Off	D-Off	4	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$1.14	\$0.04	\$1.18	\$0.00	\$1.20	\$0.00	\$0.00	\$1.75	\$2.95	\$4.13	
Standby	\$0.57	\$0.04							\$0.61		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
H10NP022	PH-2	HAMMERS, HYDRAULIC, 500 FT-LBS, IMPACT FREQUENCY 900 BPM (ADD 6,000-11,000 LB EXCAVATOR)(ADD COST FOR POINT WEAR)						D-Off	D-Off	5	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$1.42	\$0.05	\$1.47	\$0.00	\$1.20	\$0.00	\$0.00	\$2.19	\$3.39	\$4.86	
Standby	\$0.71	\$0.05							\$0.76		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H10 HAMMERS, HYDRAULIC (Demolition tool) (Add cost for point wear)

H10 0.00 HAMMERS, HYDRAULIC (Demolition tool) (

NPK CONSTRUCTION EQUIPMENT

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
H10NP023	PH-3	HAMMERS, HYDRAULIC, 750 FT-LBS, IMPACT FREQUENCY 830 BPM (ADD 8,000-16,000 LB EXCAVATOR)(ADD COST FOR POINT WEAR)						D-Off	D-Off	8	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$2.25	\$0.08	\$2.33	\$0.00	\$1.60	\$0.00	\$0.00	\$3.47	\$5.07	\$7.40	
Standby	\$1.13	\$0.08							\$1.21		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
H10NP024	PH-4	HAMMERS, HYDRAULIC, 1,300 FT-LBS, IMPACT FREQUENCY 730 BPM (ADD 12,000-18,000 LB EXCAVATOR)(ADD COST FOR POINT WEAR)						D-Off	D-Off	10	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$3.05	\$0.11	\$3.16	\$0.00	\$1.60	\$0.00	\$0.00	\$4.70	\$6.30	\$9.46	
Standby	\$1.53	\$0.11							\$1.64		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H10 HAMMERS, HYDRAULIC (Demolition tool) (Add cost for point wear)

H10 0.00 HAMMERS, HYDRAULIC (Demolition tool) (

NPK CONSTRUCTION EQUIPMENT

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT
H10NP025	GH6	HAMMERS, HYDRAULIC, 2,000 FT-LBS, IMPACT FREQUENCY 650 BPM (ADD 22,000-31,000 LB EXCAVATOR)(ADD COST FOR POINT WEAR)					D-Off		D-Off		22
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$5.39	\$0.19	\$5.58	\$0.00	\$2.00	\$0.00	\$0.00	\$8.32	\$10.32	\$15.90	
Standby	\$2.70	\$0.19							\$2.89		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT
H10NP026	GH7	HAMMERS, HYDRAULIC, 2,500 FT-LBS, IMPACT FREQUENCY 580 BPM (ADD 28,000-42,000 LB EXCAVATOR)(ADD COST FOR POINT WEAR)					D-Off		D-Off		29
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$6.84	\$0.24	\$7.08	\$0.00	\$2.00	\$0.00	\$0.00	\$10.55	\$12.55	\$19.63	
Standby	\$3.42	\$0.24							\$3.66		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H10 Hammers, Hydraulic (Demolition tool) (Add cost for point wear)

H10 0.00 Hammers, Hydraulic (Demolition tool) (

NPK Construction Equipment

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT
H10NP027	GH9	HAMMERS, HYDRAULIC, 3,000 FT-LBS, IMPACT FREQUENCY 590 BPM (ADD 40,000-56,000 EXCAVATOR)(ADD COST FOR POINT WEAR)					D-Off		D-Off		36
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$8.01	\$0.28	\$8.29	\$0.00	\$2.00	\$0.00	\$0.00	\$12.36	\$14.36	\$22.65	
Standby	\$4.01	\$0.28							\$4.29		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT
H10NP028	GH12	HAMMERS, HYDRAULIC, 5,500 FT-LBS, IMPACT FREQUENCY 430 BPM (ADD 56,000-86,000 LB EXCAVATOR)(ADD COST FOR POINT WEAR)					D-Off		D-Off		57
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$11.13	\$0.39	\$11.52	\$0.00	\$2.40	\$0.00	\$0.00	\$17.16	\$19.56	\$31.08	
Standby	\$5.57	\$0.39							\$5.96		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H10 HAMMERS, HYDRAULIC (Demolition tool) (Add cost for point wear)

H10 0.00 HAMMERS, HYDRAULIC (Demolition tool) (

NPK CONSTRUCTION EQUIPMENT

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT
H10NP029	GH15	HAMMERS, HYDRAULIC, 8,000 FT-LBS, IMPACT FREQUENCY 360 BPM (ADD 66,000-100,000 LB EXCAVATOR)(ADD COST FOR POINT WEAR)					D-Off		D-Off		68
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$14.52	\$0.51	\$15.03	\$0.00	\$2.40	\$0.00	\$0.00	\$22.40	\$24.80	\$39.83	
Standby	\$7.26	\$0.51							\$7.77		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT
H10NP030	GH40	HAMMERS, HYDRAULIC, 17,000 FT-LBS, IMPACT FREQUENCY 290 BPM (ADD 160,000-260,000 LB EXCAVATOR)(ADD COST FOR POINT WEAR)					D-Off		D-Off		170
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$35.17	\$1.23	\$36.40	\$0.00	\$2.40	\$0.00	\$0.00	\$54.24	\$56.64	\$93.04	
Standby	\$17.59	\$1.23							\$18.82		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.11 COMPACTORS (Compression force) 0 TH

ENVIRO-PAK

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H13EP001	4000HM	HAZARDOUS/TOXIC WASTE EQUIPMENT, COMPACTOR, 30 TON HAZARDOUS WASTE, HAZ-MAT STORAGE CONTAINER 40"X40"X40"		Elec	5	HP	D-Off	32		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.73	\$0.24	\$4.97	\$0.47	\$0.54	\$0.00	\$0.00	\$5.49	\$6.50	\$11.47
Standby	\$2.37	\$0.24							\$2.61	

TEEMARK CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H13TH001	DPC60-E50	HAZARDOUS/TOXIC WASTE EQUIPMENT, COMPACTOR, 30 TON DRUM CRUSHER		Elec	5	HP	D-Off	20		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.26	\$0.06	\$1.32	\$0.47	\$0.29	\$0.00	\$0.00	\$1.46	\$2.22	\$3.54
Standby	\$0.63	\$0.06							\$0.69	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.11 COMPACTORS (Compression force) 0 TH

TEEMARK CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H13TH002	DPC60-D90	HAZARDOUS/TOXIC WASTE EQUIPMENT, COMPACTOR, 30 TON DRUM CRUSHER		D-Off	9	HP	D-Off	32		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.55	\$0.08	\$1.63	\$0.69	\$0.08	\$0.00	\$0.00	\$1.80	\$2.57	\$4.20
Standby	\$0.78	\$0.08							\$0.86	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H13TH003	DPC85-D90	HAZARDOUS/TOXIC WASTE EQUIPMENT, COMPACTOR, 42.5 TON DRUM CRUSHER		D-Off	9	HP	D-Off	47		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.65	\$0.08	\$1.73	\$0.69	\$0.08	\$0.00	\$0.00	\$1.92	\$2.69	\$4.42
Standby	\$0.83	\$0.08							\$0.91	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.11 COMPACTORS (Compression force) 0 TH

WASTE CONTROL SYSTEMS, INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H13CO002	8041CC	HAZARDOUS/TOXIC WASTE EQUIPMENT, COMPACTOR, 37 TON HAZARD WASTE IN-DRUM, EXPLOSION PROOF		Elec	5	HP	D-Off	167		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.97	\$0.10	\$2.07	\$0.47	\$0.54	\$0.00	\$0.00	\$2.29	\$3.30	\$5.37
Standby	\$0.99	\$0.10							\$1.09	

H13 0.12 COMPACTORS (Compression force) OVE

ENVIRO-PAK

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H13EP002	9600HM	HAZARDOUS/TOXIC WASTE EQUIPMENT, COMPACTOR, 42.5 TON HAZARDOUS WASTE, B-25 METAL STORAGE CONTAINER 4'X4'X6'		Elec	7.5	HP	D-Off	100		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.19	\$0.27	\$4.46	\$0.70	\$0.73	\$0.00	\$0.00	\$5.81	\$7.24	\$11.70
Standby	\$2.10	\$0.27							\$2.37	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.12 COMPACTORS (Compression force) OVE

WASTE CONTROL SYSTEMS, INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H13CO003	8551	HAZARDOUS/TOXIC WASTE EQUIPMENT, COMPACTOR, 85 TON HAZARD WASTE IN-DRUM		Elec	3	HP	D-Off	270		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.23	\$0.21	\$3.44	\$0.28	\$0.42	\$0.00	\$0.00	\$4.49	\$5.19	\$8.63
Standby	\$1.62	\$0.21							\$1.83	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H13CO004	8564	HAZARDOUS/TOXIC WASTE EQIPMENT, COMPACTOR, 85 TON HAZARD WASTE IN-DRUM, W/HEPA FILTER		Elec	3	HP	D-Off	290		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.94	\$0.26	\$4.20	\$0.28	\$0.67	\$0.00	\$0.00	\$5.47	\$6.43	\$10.63
Standby	\$1.97	\$0.26							\$2.23	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.12 COMPACTORS (Compression force) OVE

WASTE CONTROL SYSTEMS, INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
H13CO005	8560-EXL	HAZARDOUS/TOXIC WASTE EQUIPMENT, COMPACTOR, 85 TON HAZARD WASTE IN-DRUM, EXPLOSION PROOF, W/LIQUID REMOVAL SYSTEM		Elec	3	HP	D-Off		310	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.62	\$0.37	\$5.99	\$0.28	\$0.67	\$0.00	\$0.00	\$7.81	\$8.76	\$14.75
Standby	\$2.81	\$0.37							\$3.18	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
H13CO006	8560-EX	HAZARDOUS/TOXIC WASTE EQUIPMENT, COMPACTOR, 85 TON HAZARD WASTE IN-DRUM, W/HEPA FILTER & SS PLATEN & CHAMBER		Elec	3	HP	D-Off		300	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.11	\$0.33	\$5.44	\$0.28	\$0.52	\$0.00	\$0.00	\$7.10	\$7.90	\$13.34
Standby	\$2.56	\$0.33							\$2.89	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.21 FILTER PRESSES, STATIONARY

DURCO FILTERS

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
H13DC001	EP1000/32-48	HAZARDOUS/TOXIC WASTE EQUIPMENT, FILTER PRESS, STATIONARY, 48 CHAMBERS, 1M X 1M POLYPROPYLENE PLATES, 40 CF CAKE CAPACITY PER FILTER, 830 SF TOTAL FILTER AREA, HYDRAULIC RAM 100 PSIG						D-Off	D-Off	108	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$4.85	\$0.27	\$5.12	\$0.00	\$0.00	\$0.00	\$0.00	\$6.73	\$6.73	\$11.85	
Standby	\$2.43	\$0.27							\$2.70		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
H13DC002	EP1200/32-78	HAZARDOUS/TOXIC WASTE EQUIPMENT, FILTER PRESS, STATIONARY, 72 CHAMBERS, 1.2M X 1.2M POLYPROPYLENE PLATES, 97 CF CAKE CAPACITY PER FILTER, 1825 SF TOTAL FILTER AREA, HYDRAULIC RAM 100 PSIG						D-Off	D-Off	244	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$11.87	\$0.66	\$12.53	\$0.00	\$0.00	\$0.00	\$0.00	\$16.47	\$16.47	\$29.00	
Standby	\$5.94	\$0.66							\$6.60		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.21 FILTER PRESSES, STATIONARY

DURCO FILTERS

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
H13DC003	EP1500/32-76	HAZARDOUS/TOXIC WASTE EQUIPMENT, FILTER PRESS, STATIONARY, 76 CHAMBERS, 1.2M X 1.2M POLYPROPYLENE PLATES, 97 CF CAKE CAPACITY PER FILTER, 1825 SF TOTAL FILTER AREA, HYDRAULIC RAM 100 PSIG						D-Off	D-Off	236	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$16.16	\$0.89	\$17.05	\$0.00	\$0.00	\$0.00	\$0.00	\$22.43	\$22.43	\$39.48	
Standby	\$8.08	\$0.89							\$8.97		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
H13DC004	EP1200/32-100	HAZARDOUS/TOXIC WASTE EQUIPMENT, FILTER PRESS, STATIONARY, 100 CHAMBERS, 1.5M X 1.5M POLYPROPYLENE PLATES, 200 CF CAKE CAPACITY PER FILTER, 4042 SF TOTAL FILTER AREA, HYDRAULIC RAM 100 PSIG						D-Off	D-Off	255	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$18.32	\$1.01	\$19.33	\$0.00	\$0.00	\$0.00	\$0.00	\$25.43	\$25.43	\$44.76	
Standby	\$9.16	\$1.01							\$10.17		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.21 FILTER PRESSES, STATIONARY

EVOQUA

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H13EV001	PLC 25-1000	HAZARDOUS/TOXIC WASTE EQUIPMENT, FILTER PRESS, STATIONARY, 25 CF STANDARD FILTER PRESS, 1,000 MM SQ		Elec	1.5	HP	D-Off	125		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.27	\$0.29	\$5.56	\$0.14	\$0.09	\$0.00	\$0.00	\$7.31	\$7.54	\$13.10
Standby	\$2.64	\$0.29							\$2.93	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H13EV003	PLC 115-1200	HAZARDOUS/TOXIC WASTE EQUIPMENT, FILTER PRESS, STATIONARY, 115 CF STANDARD FILTER PRESS, 1,200 MM SQ		Elec	1.5	HP	D-Off	460		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$11.57	\$0.64	\$12.21	\$0.14	\$0.09	\$0.00	\$0.00	\$16.06	\$16.28	\$28.49
Standby	\$5.79	\$0.64							\$6.43	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.21 FILTER PRESSES, STATIONARY

EVOQUA

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H13EV004	PLC 180-1500	HAZARDOUS/TOXIC WASTE EQUIPMENT, FILTER PRESS, STATIONARY, 180 CF STANDARD FILTER PRESS, 1,500 MM SQ		Elec	3	HP	D-Off	680		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$23.55	\$1.30	\$24.85	\$0.28	\$0.17	\$0.00	\$0.00	\$32.69	\$33.14	\$57.99
Standby	\$11.78	\$1.30							\$13.08	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H13EV005	PLC 270-1500	HAZARDOUS/TOXIC WASTE EQUIPMENT, FILTER PRESS, STATIONARY, 270 CF MAXI FILTER PRESS, 1,500 MM SQ		Elec	10	HP	D-Off	1100		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$31.23	\$1.73	\$32.96	\$0.94	\$0.57	\$0.00	\$0.00	\$43.35	\$44.86	\$77.82
Standby	\$15.62	\$1.73							\$17.35	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.22 FILTER PRESSES, MOBILE

DURCO FILTERS

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
H13DC005	EP1200/32-78 TRLR	HAZARDOUS/TOXIC WASTE EQUIPMENT, FILTER PRESS, MOBILE, 72 CHAMBERS, 1.2M X 1.2M POLYPROPYLENE PLATES, 97 CF CAKE CAPACITY PER FILTER, 1825 SF TOTAL FILTER AREA, HYDRAULIC RAM 100 PSIG, TRLR MTD		Air	D-Off	304				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$14.56	\$0.74	\$15.30	\$0.00	\$0.10	\$0.42	\$0.07	\$16.94	\$17.54	\$32.84
Standby	\$7.28	\$0.74							\$8.02	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
H13DC006	EP1500/32-76 TRLR	HAZARDOUS/TOXIC WASTE EQUIPMENT, FILTER PRESS, MOBILE, 76 CHAMBERS, 1.2M X 1.2M POLYPROPYLENE PLATES, 97 CF CAKE CAPACITY PER FILTER, 1825 SF TOTAL FILTER AREA, HYDRAULIC RAM 100 PSIG, TRLR MTD		Air	D-Off	396				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$19.19	\$0.97	\$20.16	\$0.00	\$0.60	\$0.42	\$0.07	\$22.32	\$23.41	\$43.57
Standby	\$9.60	\$0.97							\$10.57	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.22 FILTER PRESSES, MOBILE

DURCO FILTERS

			Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT
H13DC007	EP1000/32-48 M TRLR	HAZARDOUS/TOXIC WASTE EQUIPMENT, FILTER PRESS, MOBILE, 48 CHAMBERS, 1M X 1M POLYPROPYLENE PLATES, 40 CF CAKE CAPACITY PER FILTER, 830 SF TOTAL FILTER AREA, HYDRAULIC RAM 100 PSIG, FLATBED SEMI TRAILER MTD		D-Off	D-Off	168

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.23	\$0.37	\$7.60	\$0.00	\$0.60	\$0.42	\$0.07	\$8.43	\$9.52	\$17.12
Standby	\$3.62	\$0.37							\$3.99	

			Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT
H13DC008	EP1200/32-100 M TRLR	HAZARDOUS/TOXIC WASTE EQUIPMENT, FILTER PRESS, MOBILE, 100 CHAMBERS, 1.5M X 1.5M POLYPROPYLENE PLATES, 200 CF CAKE CAPACITY PER FILTER, 4042 SF TOTAL FILTER AREA, HYDRAULIC RAM 100 PSIG, FLATBED SEMI TRAILER MTD		D-Off	D-Off	315

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$21.42	\$1.09	\$22.51	\$0.00	\$0.60	\$0.42	\$0.07	\$24.90	\$26.00	\$48.51
Standby	\$10.71	\$1.09							\$11.80	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.22 FILTER PRESSES, MOBILE

EVOQUA

							Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT	
H13EV002	PLC 100-1200M	HAZARDOUS/TOXIC WASTE EQUIPMENT, FILTER PRESS, MOBILE, 100 CF STANDARD FILTER PRESS, 1,200 MM SQ, TRAILER MOUNTED						Elec	3	HP	D-Off	145
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$47.07	\$2.37	\$49.44	\$0.28	\$1.67	\$0.00	\$0.00	\$54.66	\$56.61	\$106.05		
Standby	\$23.54	\$2.37							\$25.91			

							Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description					12/1/2017	Main			Carrier	CWT
H13EV006	PLC 25-1000-TRLR	HAZARDOUS/TOXIC WASTE EQUIPMENT, FILTER PRESS, MOBILE, 25 CF STANDARD FILTER PRESS, 1,000 MM SQ, FLATBED SEMI TRAILER MTD						Elec	1.5	HP	D-Off	185
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$37.83	\$1.91	\$39.74	\$0.14	\$0.69	\$0.42	\$0.07	\$43.96	\$45.28	\$85.02		
Standby	\$18.92	\$1.91							\$20.83			

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.22 FILTER PRESSES, MOBILE

EVOQUA

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H13EV007	PLC 115-1200-TRLR	HAZARDOUS/TOXIC WASTE EQUIPMENT, FILTER PRESS, MOBILE, 115 CF STANDARD FILTER PRESS, 1,200 MM SQ, FLATBED SEMI TRAILER MTD		Elec	1.5	HP	D-Off	520		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$49.03	\$2.47	\$51.50	\$0.14	\$0.69	\$0.42	\$0.07	\$56.97	\$58.29	\$109.79
Standby	\$24.52	\$2.47							\$26.99	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H13EV008	PLC 180-1500-TRLR	HAZARDOUS/TOXIC WASTE EQUIPMENT, FILTER PRESS, MOBILE, 180 CF STANDARD FILTER PRESS, 1,500 MM SQ, FLATBED SEMI TRAILER MTD		Elec	3	HP	D-Off	740		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$72.49	\$3.65	\$76.14	\$0.28	\$0.77	\$0.42	\$0.07	\$84.22	\$85.76	\$161.90
Standby	\$36.25	\$3.65							\$39.90	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.22 FILTER PRESSES, MOBILE

SOMAT WASTE REDUCTION TECHNOLOGY

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H13S5001	1PB-6D	HAZARDOUS/TOXIC WASTE EQUIPMENT, FILTER PRESS, MOBILE, PUSHER SCREW PRESS, 6-15 GPM CAPACITY, TRAILER MOUNTED		Elec	3	HP	D-Off	14		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.25	\$0.31	\$6.56	\$0.28	\$0.17	\$0.00	\$0.00	\$7.26	\$7.71	\$14.27
Standby	\$3.13	\$0.31							\$3.44	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H13S5002	1PB-9D	HAZARDOUS/TOXIC WASTE EQUIPMENT, FILTER PRESS, MOBILE, PUSHER SCREW PRESS, 15-40 GPM CAPACITY, TRAILER MOUNTED		Elec	5	HP	D-Off	35		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.81	\$0.49	\$10.30	\$0.47	\$0.29	\$0.00	\$0.00	\$11.39	\$12.15	\$22.45
Standby	\$4.91	\$0.49							\$5.40	

* - Adjustable Elements

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H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.22 FILTER PRESSES, MOBILE

SOMAT WASTE REDUCTION TECHNOLOGY

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
H13S5003	2PB-9D	HAZARDOUS/TOXIC WASTE EQUIPMENT, FILTER PRESS, MOBILE, PUSHER SCREW PRESS, 30-80 GPM CAPACITY, TRAILER MOUNTED		Elec	5	HP	D-Off		40	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$11.65	\$0.59	\$12.24	\$0.47	\$0.29	\$0.00	\$0.00	\$13.53	\$14.28	\$26.52
Standby	\$5.83	\$0.59							\$6.42	

H13 0.30 CENTRIFUGES

NORTH STAR ENGINEERED PRODUCTS, INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
H13BC006	605 TX	HAZARDOUS/TOXIC WASTE EQUIPMENT, CENTRIFUGE, FIXED SPEED, TIMER, 60 LB DRY WT.		Elec	3	HP	D-Off		9	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.59	\$0.09	\$3.68	\$0.28	\$0.17	\$0.00	\$0.00	\$3.87	\$4.32	\$8.00
Standby	\$1.80	\$0.09							\$1.89	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.30 CENTRIFUGES

NORTH STAR ENGINEERED PRODUCTS, INC.

							Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description					12/1/2017	Main			Carrier	CWT
H13BC008	755	HAZARDOUS/TOXIC WASTE EQUIPMENT, CENTRIFUGE, FIXED SPEED, MANUAL CONTROL, EXPLOSION PROOF, 100 LB						Elec	5	HP	D-Off	12
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$7.28	\$0.18	\$7.46	\$0.47	\$0.29	\$0.00	\$0.00	\$7.86	\$8.62	\$16.08		
Standby	\$3.64	\$0.18							\$3.82			

							Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description					12/1/2017	Main			Carrier	CWT
H13BC014	805 TX	HAZARDOUS/TOXIC WASTE EQUIPMENT CENTRIFUGE FIXED SPEED, TIMER, 100 LB. DRY WEIGHT						Elec	5	HP	D-Off	10
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$4.53	\$0.11	\$4.64	\$0.47	\$0.29	\$0.00	\$0.00	\$4.89	\$5.64	\$10.28		
Standby	\$2.27	\$0.11							\$2.38			

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.40 SHREDDERS

GRANUTE-SATURN SYSTEMS(MAC CORPORATION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H13MN001	52-32HT	HAZARDOUS/TOXIC WASTE EQUIPMENT, SHREDDER, 32" X 52" OPENING, TRAILER MTD, W/DIESEL GENERATOR SET/ BELT-TYPE INFEED & DISCHARGE CONVEYORS		D-Off	150	HP	D-Off	200		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$39.41	\$1.99	\$41.40	\$11.53	\$4.58	\$0.53	\$0.09	\$51.53	\$68.26	\$109.66
Standby	\$19.71	\$1.99							\$21.70	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H13MN002	62-40HT	HAZARDOUS/TOXIC WASTE EQUIPMENT, SHREDDER, 38" X 62" OPENING, TRAILER MTD, W/DIESEL GENERATOR SET, HOOK-TYPE INFEED FOR TIRES, & DISCHARGE CONVEYOR		D-Off	200	HP	D-Off	300		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$45.80	\$2.32	\$48.12	\$15.38	\$6.10	\$0.87	\$0.15	\$59.91	\$82.42	\$130.54
Standby	\$22.90	\$2.32							\$25.22	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.40 SHREDDERS

GRANUTE-SATURN SYSTEMS(MAC CORPORATION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H13MN003	62-40HT	HAZARDOUS/TOXIC WASTE EQUIPMENT, SHREDDER, 38" X 62" OPENING, TRAILER MTD, W/DIESEL GENERATOR SET, CRANE GRAPPLE & DISCHARGE CONVEYOR SYSTEM		D-Off	200	HP	D-Off	300		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$54.05	\$2.74	\$56.79	\$15.38	\$7.10	\$0.87	\$0.15	\$70.69	\$94.19	\$150.98
Standby	\$27.03	\$2.74							\$29.77	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H13MN004	72-46HT	HAZARDOUS/TOXIC WASTE EQUIPMENT, SHREDDER, 45" X 72" OPENING , TRAILER MTD, W/DIESEL GENERATOR SET, CRANE GRAPPLE & DISCHARGE CONVEYOR SYSTEM		D-Off	300	HP	D-Off	400		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$60.15	\$3.04	\$63.19	\$23.06	\$9.16	\$0.87	\$0.15	\$78.65	\$111.90	\$175.09
Standby	\$30.08	\$3.04							\$33.12	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.40 SHREDDERS

SHRED-TECH LIMITED

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H13SH001	ST-25	HAZARDOUS/TOXIC WASTE EQUIPMENT, SHREDDER, 29" X 42" OPENING (ADD COST FOR CONVEYOR SYSTEM, POWER SUPPLY, AND TRAILER)		Elec	20	HP	D-Off	23		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$61.87	\$3.11	\$64.98	\$1.87	\$1.03	\$0.00	\$0.00	\$80.82	\$83.72	\$148.70
Standby	\$30.94	\$3.11							\$34.05	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H13SH002	ST-25EL	HAZARDOUS/TOXIC WASTE EQUIPMENT, SHREDDER, 29" X 46" OPENING (ADD COST FOR CONVEYOR SYSTEM, POWER SUPPLY, AND TRAILER)		Elec	20	HP	D-Off	25		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$62.71	\$3.15	\$65.86	\$1.87	\$1.03	\$0.00	\$0.00	\$81.92	\$84.82	\$150.68
Standby	\$31.36	\$3.15							\$34.51	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.40 SHREDDERS

SHRED-TECH LIMITED

							Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description					12/1/2017	Main			Carrier	CWT
H13SH005	ST-100	HAZARDOUS/TOXIC WASTE EQUIPMENT, SHREDDER, 63" X 70" OPENING (ADD COST FOR CONVEYOR SYSTEM, POWER SUPPLY, AND TRAILER)						Elec	100	HP	D-Off	145
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$92.27	\$4.64	\$96.91	\$9.36	\$5.13	\$0.00	\$0.00	\$120.55	\$135.04	\$231.95		
Standby	\$46.14	\$4.64							\$50.78			

							Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT	
H13SH006	ST-400EL	HAZARDOUS/TOXIC WASTE EQUIPMENT, SHREDDER, 46" X 75" OPENING (ADD COST FOR CONVEYOR SYSTEM, POWER SUPPLY, AND TRAILER)						Elec	200	HP	D-Off	350
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$109.25	\$5.49	\$114.74	\$18.72	\$10.27	\$0.00	\$0.00	\$142.73	\$171.72	\$286.46		
Standby	\$54.63	\$5.49							\$60.12			

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.40 SHREDDERS

SHRED-TECH LIMITED

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H13SH007	ST-400ES	HAZARDOUS/TOXIC WASTE EQUIPMENT, SHREDDER, 46" X 53" OPENING (ADD COST FOR CONVEYOR SYSTEM, POWER SUPPLY, AND TRAILER)		Elec	200	HP	D-Off	300		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$100.90	\$5.07	\$105.97	\$18.72	\$10.27	\$0.00	\$0.00	\$131.81	\$160.80	\$266.77
Standby	\$50.45	\$5.07							\$55.52	

H13 0.51 SOIL TREATMENT PLANT, MOBILE

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H13XX025	A36	WINDROW TURNER, FOR MASS COMPOST, 2000 CY/HR, CAPABLE OF 12' X 6' WINDROWS, CRAWLER MOUNTED		D-Off	154	HP	D-Off	140		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$23.27	\$1.17	\$24.44	\$11.84	\$1.62	\$0.00	\$0.00	\$33.78	\$47.24	\$71.68
Standby	\$11.64	\$1.17							\$12.81	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.71 WASTE HANDLING EQUIPMENT, DRUM H

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H13XX001	DC7000-10	HAZARDOUS/TOXIC WASTE EQUIPMENT, WASTE HANDLING EQUIPMENT, 55 GAL DRUM CRUSHER, 3 KSI CRUSHING FORCE		Elec	10	HP	D-Off	10		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.11	\$0.12	\$5.23	\$0.94	\$0.52	\$0.00	\$0.00	\$7.42	\$8.87	\$14.10
Standby	\$2.56	\$0.12							\$2.68	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H13XX002	DW55-ITR	HAZARDOUS/TOXIC WASTE EQUIPMENT, WASTE HANDLING EQUIPMENT, 55 GAL DRUM WASHER W/ IMMERSION HEATER, AUTO FILL, AND 1.5 HP DISCHARGE PUMP, PLC OPERATION		Elec	1.5	HP	D-Off	15		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$28.45	\$0.65	\$29.10	\$0.14	\$0.08	\$0.00	\$0.00	\$41.30	\$41.52	\$70.62
Standby	\$14.23	\$0.65							\$14.88	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.71 WASTE HANDLING EQUIPMENT, DRUM H

NO SPECIFIC MANUFACTURER

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
H13XX003	FRK LFT DRUM GRAB	HAZARDOUS/TOXIC WASTE EQUIPMENT, WASTE HANDLING EQUIPMENT, ADAPTS FORKLIFT TO LIFT/TRANSPORT 55 GAL DRUMS 1K LOAD CAPACITY						D-Off	D-Off	1	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$0.10	\$0.00	\$0.10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.15	\$0.15	\$0.25	
Standby	\$0.05	\$0.00							\$0.05		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
H13XX004	DRUM TRUCK	HAZARDOUS/TOXIC WASTE EQUIPMENT, WASTE HANDLING EQUIPMENT, 55 GAL PALLET JACK STYLE DRUM LIFT TRUCK, 660 LB CAPACITY, ON CASTORS						D-Off	D-Off	1	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$0.21	\$0.00	\$0.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.31	\$0.31	\$0.52	
Standby	\$0.11	\$0.00							\$0.11		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H20 HOISTS & AIR WINCHES

H20 0.00 HOISTS & AIR WINCHES

INGERSOLL RAND CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H20IR002	FA2.5i	AIR WINCH, MANUAL BRAKE, 24" DRUM, 5,000 LBS CAP, 145 FPM (ADD 700 CFM COMPRESSOR)		Air	25	CFM	D-Off	11		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.04	\$0.15	\$3.19	\$0.00	\$0.20	\$0.00	\$0.00	\$3.75	\$3.95	\$7.14
Standby	\$1.52	\$0.15							\$1.67	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H20IR003	FA5i	AIR WINCH, MANUAL BRAKE, 24" DRUM, 11,000 LBS CAP, 65 FPM (ADD 700 CFM COMPRESSOR)		Air	700	CFM	D-Off	19		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.03	\$0.20	\$4.23	\$0.00	\$0.30	\$0.00	\$0.00	\$4.97	\$5.27	\$9.50
Standby	\$2.02	\$0.20							\$2.22	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H20 HOISTS & AIR WINCHES

H20 0.00 HOISTS & AIR WINCHES

INGERSOLL RAND CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H20IR004	FA10i	AIR WINCH, AUTOMATIC BRAKE, 24" DRUM, 22,000 LBS CAP, 30 FPM (ADD 800 CFM COMPRESSOR)		Air	800	CFM	D-Off	32		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.05	\$0.30	\$6.35	\$0.00	\$0.40	\$0.00	\$0.00	\$7.46	\$7.86	\$14.21
Standby	\$3.03	\$0.30							\$3.33	

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.10 0 LBS THRU 12,500 LBS

CASE CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H25CS001	CX17C	HYDRAULIC EXCAVATOR, MINI, CRAWLER RUBBER TRACK, 4,110 LBS, 0.05 CY BUCKET, 7' 9" MAX DIGGING DEPTH		D-Off	18	HP	D-Off	41		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.24	\$0.16	\$3.40	\$1.38	\$0.24	\$0.00	\$0.00	\$3.66	\$5.27	\$8.67
Severe	\$3.70	\$0.16	\$3.86	\$1.83	\$0.31	\$0.00	\$0.00	\$4.77	\$6.92	\$10.78
Standby	\$1.62	\$0.16							\$1.78	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.10 0 LBS THRU 12,500 LBS

CASE CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H25CS002	CX26C	HYDRAULIC EXCAVATOR, MINI, CRAWLER RUBBER TRACK, 5,830 LBS, 0.09 CY BUCKET, 8' 8" MAX DIGGING DEPTH		D-Off	24.8	HP	D-Off	58		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.14	\$0.21	\$4.35	\$1.91	\$0.33	\$0.00	\$0.00	\$4.67	\$6.91	\$11.26
Severe	\$4.73	\$0.21	\$4.94	\$2.52	\$0.43	\$0.00	\$0.00	\$6.10	\$9.06	\$14.00
Standby	\$2.07	\$0.21							\$2.28	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H25CS003	CX33C	HYDRAULIC EXCAVATOR, MINI, CRAWLER RUBBER TRACK, 7,420 LBS, 0.12 CY BUCKET, 10' 11" MAX DIGGING DEPTH		D-Off	24.4	HP	D-Off	74		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.78	\$0.24	\$5.02	\$1.88	\$0.32	\$0.00	\$0.00	\$5.40	\$7.60	\$12.62
Severe	\$5.47	\$0.24	\$5.71	\$2.48	\$0.42	\$0.00	\$0.00	\$7.05	\$9.96	\$15.67
Standby	\$2.39	\$0.24							\$2.63	

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.10 0 LBS THRU 12,500 LBS

CASE CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H25CS004	CX37C	HYDRAULIC EXCAVATOR, MINI, CRAWLER RUBBER TRACK, 8,660 LBS, 0.14 CY BUCKET, 11' 3" MAX DIGGING DEPTH		D-Off	24.4	HP	D-Off	87		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.33	\$0.26	\$5.59	\$1.88	\$0.32	\$0.00	\$0.00	\$6.02	\$8.22	\$13.81
Severe	\$6.09	\$0.27	\$6.36	\$2.48	\$0.42	\$0.00	\$0.00	\$7.86	\$10.77	\$17.13
Standby	\$2.67	\$0.26							\$2.93	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H25CS005	CX57C	HYDRAULIC EXCAVATOR, MINI, CRAWLER RUBBER TRACK, 12,300 LBS, 0.24 CY BUCKET, 13' 4" MAX DIGGING DEPTH		D-Off	66.9	HP	D-Off	123		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.09	\$0.40	\$8.49	\$5.14	\$0.88	\$0.00	\$0.00	\$9.13	\$15.15	\$23.64
Severe	\$9.24	\$0.41	\$9.65	\$6.80	\$1.17	\$0.00	\$0.00	\$11.93	\$19.89	\$29.54
Standby	\$4.05	\$0.40							\$4.45	

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.10 0 LBS THRU 12,500 LBS

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H25CA006	300.9D	HYDRAULIC EXCAVATOR, MINI, CRAWLER-RUBBER TRACK, 2,200 LBS, 0.05 CY BUCKET, 5.67' MAX DIGGING DEPTH		D-Off	18	HP	D-Off	22		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.55	\$0.13	\$2.68	\$1.38	\$0.24	\$0.00	\$0.00	\$2.88	\$4.49	\$7.17
Severe	\$2.91	\$0.13	\$3.04	\$1.83	\$0.31	\$0.00	\$0.00	\$3.76	\$5.90	\$8.94
Standby	\$1.28	\$0.13							\$1.41	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H25CA007	301.4C	HYDRAULIC EXCAVATOR, MINI, CRAWLER-RUBBER TRACK, 3,100 LBS, 0.07 CY BUCKET, 7' 2" MAX DIGGING DEPTH		D-Off	24.3	HP	D-Off	31		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.31	\$0.16	\$3.47	\$1.87	\$0.32	\$0.00	\$0.00	\$3.74	\$5.93	\$9.40
Severe	\$3.78	\$0.17	\$3.95	\$2.47	\$0.42	\$0.00	\$0.00	\$4.88	\$7.77	\$11.72
Standby	\$1.66	\$0.16							\$1.82	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.10 0 LBS THRU 12,500 LBS

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H25CA008	302.4D	HYDRAULIC EXCAVATOR, MINI, CRAWLER-RUBBER TRACK, 4,800 LBS, 0.07 CY BUCKET, 8.5' MAX DIGGING DEPTH		D-Off	24.3	HP	D-Off	48		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.59	\$0.23	\$4.82	\$1.87	\$0.32	\$0.00	\$0.00	\$5.18	\$7.37	\$12.19
Severe	\$5.24	\$0.23	\$5.47	\$2.47	\$0.42	\$0.00	\$0.00	\$6.77	\$9.66	\$15.13
Standby	\$2.30	\$0.23							\$2.53	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H25CA009	302.7D CR	HYDRAULIC EXCAVATOR, MINI, CRAWLER-RUBBER TRACK, 5,700 LBS, 0.07 CY BUCKET, 9' MAX DIGGING DEPTH		D-Off	24.3	HP	D-Off	57		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.39	\$0.22	\$4.61	\$1.87	\$0.32	\$0.00	\$0.00	\$4.96	\$7.15	\$11.76
Severe	\$5.02	\$0.22	\$5.24	\$2.47	\$0.42	\$0.00	\$0.00	\$6.48	\$9.37	\$14.61
Standby	\$2.20	\$0.22							\$2.42	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.10 0 LBS THRU 12,500 LBS

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H25CA010	304E2	HYDRAULIC EXCAVATOR, MINI, CRAWLER-RUBBER TRACK, 8,700 LBS, 0.16 CY BUCKET, 11.25' MAX DIGGING DEPTH		D-Off	41.8	HP	D-Off	87		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.39	\$0.37	\$7.76	\$3.21	\$0.55	\$0.00	\$0.00	\$8.35	\$12.11	\$19.87
Severe	\$8.45	\$0.37	\$8.82	\$4.25	\$0.73	\$0.00	\$0.00	\$10.90	\$15.88	\$24.70
Standby	\$3.70	\$0.37							\$4.07	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H25CA034	301.7D CR	HYDRAULIC EXCAVATOR, MINI, CRAWLER-RUBBER TRACK, 3600 LBS, 0.07 CY BUCKET, 8.2' MAX DIGGING DEPTH		D-Off	24.3	HP	D-Off	36		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.68	\$0.18	\$3.86	\$1.87	\$0.32	\$0.00	\$0.00	\$4.15	\$6.34	\$10.20
Severe	\$4.20	\$0.18	\$4.38	\$2.47	\$0.42	\$0.00	\$0.00	\$5.42	\$8.32	\$12.70
Standby	\$1.84	\$0.18							\$2.02	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.10 0 LBS THRU 12,500 LBS

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H25CA035	303.5E2	HYDRAULIC EXCAVATOR, MINI, CRAWLER-RUBBER TRACK, 8200 LBS, 0.16 CY BUCKET, 10.4' MAX DIGGING DEPTH		D-Off	24.8	HP	D-Off	82		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.94	\$0.34	\$7.28	\$1.91	\$0.33	\$0.00	\$0.00	\$7.84	\$10.07	\$17.35
Severe	\$7.93	\$0.35	\$8.28	\$2.52	\$0.43	\$0.00	\$0.00	\$10.23	\$13.19	\$21.47
Standby	\$3.47	\$0.34							\$3.81	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H25CA036	305E2	HYDRAULIC EXCAVATOR, MINI, CRAWLER-RUBBER TRACK, 11,400 LBS, 0.17 CY BUCKET, 10.8' MAX DIGGING DEPTH		D-Off	41.8	HP	D-Off	114		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.76	\$0.43	\$9.19	\$3.21	\$0.55	\$0.00	\$0.00	\$9.89	\$13.65	\$22.84
Severe	\$10.01	\$0.44	\$10.45	\$4.25	\$0.73	\$0.00	\$0.00	\$12.92	\$17.89	\$28.34
Standby	\$4.38	\$0.43							\$4.81	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.10 0 LBS THRU 12,500 LBS

KOMATSU AMERICA INTERNATIONAL COMPANY

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H25KM021	PC45MR-5	HYDRAULIC EXCAVATOR, CRAWLER-RUBBER TRACK, 11,001 LBS, 0.07 CY - 0.21 CY BUCKET, 12'0" MAX DIGGING DEPTH		D-Off	38	HP	D-Off	110		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.12	\$0.35	\$7.47	\$2.92	\$0.50	\$0.00	\$0.00	\$8.04	\$11.47	\$18.94
Severe	\$8.14	\$0.36	\$8.50	\$3.86	\$0.66	\$0.00	\$0.00	\$10.51	\$15.03	\$23.53
Standby	\$3.56	\$0.35							\$3.91	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H25KM022	PC55MR-5	HYDRAULIC EXCAVATOR, CRAWLER-RUBBER TRACK, 11,618 LBS, 0.07 CY - 0.24 CY BUCKET, 12.3' MAX DIGGING DEPTH		D-Off	38	HP	D-Off	116		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.80	\$0.44	\$9.24	\$2.92	\$0.50	\$0.00	\$0.00	\$9.94	\$13.36	\$22.60
Severe	\$10.06	\$0.44	\$10.50	\$3.86	\$0.66	\$0.00	\$0.00	\$12.98	\$17.50	\$28.00
Standby	\$4.40	\$0.44							\$4.84	

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.10 0 LBS THRU 12,500 LBS

KOMATSU AMERICA INTERNATIONAL COMPANY

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H25KM023	PC78US-8	HYDRAULIC EXCAVATOR, CRAWLER, 17,747 LBS, 0.37 CY BUCKET, 15'5" MAX DIGGING DEPTH		D-Off	65.5	HP	D-Off	178		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$11.93	\$0.59	\$12.52	\$5.04	\$0.86	\$0.00	\$0.00	\$13.47	\$19.38	\$31.90
Severe	\$13.64	\$0.60	\$14.24	\$6.66	\$1.14	\$0.00	\$0.00	\$17.60	\$25.40	\$39.64
Standby	\$5.97	\$0.59							\$6.56	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H25KM034	PC88MR-10	HYDRAULIC EXCAVATOR, CRAWLER, 19,290 LBS, 0.26 CY BUCKET, 15' 0" MAX DIGGING DEPTH		D-Off	66	HP	D-Off	193		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$12.99	\$0.64	\$13.63	\$5.07	\$0.87	\$0.00	\$0.00	\$14.67	\$20.61	\$34.24
Severe	\$14.85	\$0.65	\$15.50	\$6.71	\$1.15	\$0.00	\$0.00	\$19.16	\$27.02	\$42.52
Standby	\$6.50	\$0.64							\$7.14	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.10 0 LBS THRU 12,500 LBS

MELROE BOBCAT

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H25ME001	E26	HYDRAULIC EXCAVATOR, CRAWLER-RUBBER TRACK, 5,763 LBS, 1.4 CY BUCKET, 8.7' MAX DIGGING DEPTH		D-Off	13.9	HP	D-Off	58		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.60	\$0.18	\$3.78	\$1.07	\$0.18	\$0.00	\$0.00	\$4.07	\$5.32	\$9.10
Severe	\$4.12	\$0.18	\$4.30	\$1.41	\$0.24	\$0.00	\$0.00	\$5.31	\$6.96	\$11.26
Standby	\$1.80	\$0.18							\$1.98	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H25ME002	E35	HYDRAULIC EXCAVATOR, CRAWLER-RUBBER TRACK, 7,468 LBS, 0.10 CY BUCKET, 10'2" MAX DIGGING DEPTH		D-Off	25	HP	D-Off	77		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.11	\$0.25	\$5.36	\$1.92	\$0.33	\$0.00	\$0.00	\$5.76	\$8.01	\$13.37
Severe	\$5.83	\$0.26	\$6.09	\$2.54	\$0.44	\$0.00	\$0.00	\$7.53	\$10.50	\$16.59
Standby	\$2.56	\$0.25							\$2.81	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.10 0 LBS THRU 12,500 LBS

MELROE BOBCAT

			Value TEV	Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT	
H25ME003	E50	HYDRAULIC EXCAVATOR, CRAWLER-RUBBER TRACK, 10,677 LBS, 0.18 CY BUCKET, 11' 6" MAX DIGGING DEPTH		D-Off	49.8	HP	D-Off	107	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.12	\$0.35	\$7.47	\$3.83	\$0.66	\$0.00	\$0.00	\$8.04	\$12.53	\$20.00
Severe	\$8.14	\$0.36	\$8.50	\$5.06	\$0.87	\$0.00	\$0.00	\$10.51	\$16.43	\$24.93
Standby	\$3.56	\$0.35							\$3.91	

H25 0.11 OVER 12,500 LBS THRU 40,000 LBS

CASE CORPORATION

			Value TEV	Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT	
H25CS021	CX80C	HYDRAULIC EXCAVATOR, CRAWLER, 18,900 LBS, 0.59 CY BUCKET, 15.33' MAX DIGGING DEPTH		D-Off	54	HP	D-Off	190	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$13.74	\$0.72	\$14.46	\$4.15	\$0.71	\$0.00	\$0.00	\$15.52	\$20.38	\$34.84
Severe	\$16.69	\$0.73	\$17.42	\$5.49	\$0.94	\$0.00	\$0.00	\$22.88	\$29.31	\$46.73
Standby	\$6.87	\$0.72							\$7.59	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.11 OVER 12,500 LBS THRU 40,000 LBS

CASE CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H25CS022	CX130D	HYDRAULIC EXCAVATOR, CRAWLER, 30,400 LBS, 0.97 CY BUCKET, 19.83' MAX DIGGING DEPTH		D-Off	102	HP	D-Off	304		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$19.36	\$1.02	\$20.38	\$7.84	\$1.34	\$0.00	\$0.00	\$21.86	\$31.05	\$51.43
Severe	\$23.51	\$1.03	\$24.54	\$10.37	\$1.78	\$0.00	\$0.00	\$32.24	\$44.38	\$68.92
Standby	\$9.68	\$1.02							\$10.70	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H25CS023	CX160D	HYDRAULIC EXCAVATOR, CRAWLER, 38,400 LBS, 0.97 CY BUCKET, 21.33' MAX DIGGING DEPTH		D-Off	112	HP	D-Off	384		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$24.31	\$1.27	\$25.58	\$8.61	\$1.48	\$0.00	\$0.00	\$27.45	\$37.54	\$63.12
Severe	\$29.52	\$1.30	\$30.82	\$11.39	\$1.95	\$0.00	\$0.00	\$40.48	\$53.82	\$84.64
Standby	\$12.16	\$1.27							\$13.43	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.11 OVER 12,500 LBS THRU 40,000 LBS

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H25CA011	307E2	HYDRAULIC MINI EXCAVATOR, CRAWLER-RUBBER TRACK, 16,100 LBS, 0.48 CY BUCKET, 13' 4" MAX DIGGING DEPTH		D-Off	53.1	HP	D-Off	161		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.86	\$0.52	\$10.38	\$4.08	\$0.70	\$0.00	\$0.00	\$11.13	\$15.91	\$26.29
Severe	\$11.97	\$0.53	\$12.50	\$5.40	\$0.93	\$0.00	\$0.00	\$16.41	\$22.74	\$35.24
Standby	\$4.93	\$0.52							\$5.45	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H25CA012	313F L GC	HYDRAULIC EXCAVATOR, CRAWLER, 29,300 LBS, 1.00 CY BUCKET, 19' 9" MAX DIGGING DEPTH		D-Off	74	HP	D-Off	293		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$17.64	\$0.92	\$18.56	\$5.69	\$0.97	\$0.00	\$0.00	\$19.91	\$26.58	\$45.14
Severe	\$21.41	\$0.94	\$22.35	\$7.52	\$1.29	\$0.00	\$0.00	\$29.36	\$38.17	\$60.52
Standby	\$8.82	\$0.92							\$9.74	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.11 OVER 12,500 LBS THRU 40,000 LBS

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H25CA013	314 E CR	HYDRAULIC EXCAVATOR, CRAWLER, 32,600 LBS, 1.0 CY BUCKET, 19' 6" MAX DIGGING DEPTH		D-Off	89	HP	D-Off	326		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$21.11	\$1.11	\$22.22	\$6.84	\$1.17	\$0.00	\$0.00	\$23.84	\$31.85	\$54.07
Severe	\$25.64	\$1.13	\$26.77	\$9.05	\$1.55	\$0.00	\$0.00	\$35.15	\$45.75	\$72.52
Standby	\$10.56	\$1.11							\$11.67	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H25CA014	316F L	HYDRAULIC EXCAVATOR, CRAWLER, 38,600 LBS, 1.19 CY BUCKET, 21' 7" MAX DIGGING DEPTH		D-Off	122	HP	D-Off	386		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$22.03	\$1.16	\$23.19	\$9.38	\$1.61	\$0.00	\$0.00	\$24.88	\$35.86	\$59.05
Severe	\$26.75	\$1.18	\$27.93	\$12.40	\$2.12	\$0.00	\$0.00	\$36.68	\$51.20	\$79.13
Standby	\$11.02	\$1.16							\$12.18	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.11 OVER 12,500 LBS THRU 40,000 LBS

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H25CA020	311F RR	HYDRAULIC EXCAVATOR, CRAWLER, 29,000 LBS, 1.00 CY BUCKET, 18.3' MAX DIGGING DEPTH		D-Off	74	HP	D-Off	290		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$15.90	\$0.83	\$16.73	\$5.69	\$0.97	\$0.00	\$0.00	\$17.95	\$24.61	\$41.34
Severe	\$19.30	\$0.85	\$20.15	\$7.52	\$1.29	\$0.00	\$0.00	\$26.47	\$35.27	\$55.42
Standby	\$7.95	\$0.83							\$8.78	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H25CA021	312E	HYDRAULIC EXCAVATOR, CRAWLER, 33,080 LBS, 1.0 CY BUCKET, 18.2' MAX DIGGING DEPTH		D-Off	91	HP	D-Off	331		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$17.55	\$0.92	\$18.47	\$7.00	\$1.20	\$0.00	\$0.00	\$19.82	\$28.02	\$46.49
Severe	\$21.31	\$0.94	\$22.25	\$9.25	\$1.58	\$0.00	\$0.00	\$29.22	\$40.06	\$62.31
Standby	\$8.78	\$0.92							\$9.70	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.11 OVER 12,500 LBS THRU 40,000 LBS

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H25CA038	308E2	HYDRAULIC EXCAVATOR, CRAWLER, 18,500 LBS, 0.48 CY BUCKET, 15.5' MAX DIGGING DEPTH		D-Off	66.6	HP	D-Off	185		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$14.48	\$0.76	\$15.24	\$5.12	\$0.88	\$0.00	\$0.00	\$16.36	\$22.35	\$37.59
Severe	\$17.59	\$0.77	\$18.36	\$6.77	\$1.16	\$0.00	\$0.00	\$24.12	\$32.05	\$50.41
Standby	\$7.24	\$0.76							\$8.00	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H25CA073	315F	HYDRAULIC EXCAVATOR, CRAWLER, 44,800 LBS, 1.31 CY BUCKET, 19.5' MAX DIGGING DEPTH		D-Off	100	HP	D-Off	333		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$20.56	\$1.08	\$21.64	\$7.69	\$1.32	\$0.00	\$0.00	\$23.22	\$32.23	\$53.87
Severe	\$24.97	\$1.10	\$26.07	\$10.17	\$1.74	\$0.00	\$0.00	\$34.23	\$46.15	\$72.22
Standby	\$10.28	\$1.08							\$11.36	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.11 OVER 12,500 LBS THRU 40,000 LBS

KOBELCO AMERICA INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H25KC017	SK75SR-3E	HYDRAULIC EXCAVATOR, CRAWLER, 17,100 LBS, 0.46 CY BUCKET, 15' MAX DIGGING DEPTH		D-Off	55	HP	D-Off	171		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$12.92	\$0.68	\$13.60	\$4.23	\$0.72	\$0.00	\$0.00	\$14.59	\$19.55	\$33.15
Severe	\$15.69	\$0.69	\$16.38	\$5.59	\$0.96	\$0.00	\$0.00	\$21.51	\$28.06	\$44.44
Standby	\$6.46	\$0.68							\$7.14	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H25KC027	SK140SR LC-5	HYDRAULIC EXCAVATOR, CRAWLER, 33,100 LBS, 0.90 CY BUCKET, 19' 7" MAX DIGGING DEPTH		D-Off	92.8	HP	D-Off	331		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$20.62	\$1.08	\$21.70	\$7.13	\$1.22	\$0.00	\$0.00	\$23.28	\$31.63	\$53.33
Severe	\$25.04	\$1.10	\$26.14	\$9.44	\$1.62	\$0.00	\$0.00	\$34.33	\$45.39	\$71.53
Standby	\$10.31	\$1.08							\$11.39	

* - Adjustable Elements

Region: 1
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Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.11 OVER 12,500 LBS THRU 40,000 LBS

KOMATSU AMERICA INTERNATIONAL COMPANY

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H25KM001	PC138USLC-11	HYDRAULIC EXCAVATOR, CRAWLER, 37,547 LBS, 0.34 CY - 1.0 CY BUCKET, 18.0' MAX DIGGING DEPTH		D-Off	97.2	HP	D-Off	376		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$17.01	\$0.89	\$17.90	\$7.47	\$1.28	\$0.00	\$0.00	\$19.20	\$27.95	\$45.85
Severe	\$20.65	\$0.91	\$21.56	\$9.88	\$1.69	\$0.00	\$0.00	\$28.31	\$39.89	\$61.45
Standby	\$8.51	\$0.89							\$9.40	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H25KM003	PC170LC-10	HYDRAULIC EXCAVATOR, CRAWLER, 43,115 LBS, 0.48 CY - 1.24 CY BUCKET, 19' 7" MAX DIGGING DEPTH		D-Off	121	HP	D-Off	431		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$17.02	\$0.89	\$17.91	\$9.30	\$1.59	\$0.00	\$0.00	\$19.22	\$30.11	\$48.02
Severe	\$20.67	\$0.91	\$21.58	\$12.30	\$2.11	\$0.00	\$0.00	\$28.34	\$42.74	\$64.32
Standby	\$8.51	\$0.89							\$9.40	

* - Adjustable Elements

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Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.11 OVER 12,500 LBS THRU 40,000 LBS

KOMATSU DRESSER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H25ID001	CDM6150	HYDRAULIC EXCAVATOR, CRAWLER, 30,800 LBS, 0.7 CY BUCKET, 18.2' MAX DIGGING DEPTH		D-Off	120.7	HP	D-Off	308		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.63	\$0.51	\$10.14	\$9.28	\$1.59	\$0.00	\$0.00	\$10.88	\$21.75	\$31.89
Severe	\$11.70	\$0.51	\$12.21	\$12.27	\$2.10	\$0.00	\$0.00	\$16.04	\$30.41	\$42.62
Standby	\$4.82	\$0.51							\$5.33	

LINK-BELT CONSTRUCTION EQUIPMENT CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H25LB003	145X3	HYDRAULIC EXCAVATOR, CRAWLER, 33,200 LBS, 0.98 CY BUCKET, 18' 1" MAX DIGGING DEPTH		D-Off	100	HP	D-Off	332		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$14.09	\$0.74	\$14.83	\$7.69	\$1.32	\$0.00	\$0.00	\$15.91	\$24.92	\$39.75
Severe	\$17.11	\$0.75	\$17.86	\$10.17	\$1.74	\$0.00	\$0.00	\$23.46	\$35.37	\$53.23
Standby	\$7.05	\$0.74							\$7.79	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.11 OVER 12,500 LBS THRU 40,000 LBS

LINK-BELT CONSTRUCTION EQUIPMENT CO.

			Value TEV	Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT	
H25LB005	160X4	HYDRAULIC EXCAVATOR, CRAWLER, 38,400 LBS, 1.14 CY BUCKET, 19' 11" MAX DIGGING DEPTH		D-Off	112	HP	D-Off	384	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$14.63	\$0.77	\$15.40	\$8.61	\$1.48	\$0.00	\$0.00	\$16.52	\$26.60	\$42.00
Severe	\$17.76	\$0.78	\$18.54	\$11.39	\$1.95	\$0.00	\$0.00	\$24.35	\$37.70	\$56.24
Standby	\$7.32	\$0.77							\$8.09	

H25 0.12 OVER 40,000 LBS THRU 100,000 LBS

CASE CORPORATION

			Value TEV	Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT	
H25CS024	CX210D LONG REACH	HYDRAULIC EXCAVATOR, CRAWLER, 52,650 LBS, 1.02 CY BUCKET, 39.33' MAX DIGGING DEPTH		D-Off	160	HP	D-Off	527	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$21.39	\$1.54	\$22.93	\$12.30	\$2.11	\$0.00	\$0.00	\$27.60	\$42.01	\$64.94
Severe	\$25.67	\$1.56	\$27.23	\$16.27	\$2.79	\$0.00	\$0.00	\$39.33	\$58.39	\$85.62
Standby	\$10.70	\$1.54							\$12.24	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.12 OVER 40,000 LBS THRU 100,000 LBS

CASE CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H25CS025	CX250D LONG REACH	HYDRAULIC EXCAVATOR, CRAWLER, 63,500 LBS, 1.02 CY BUCKET, 47.75' MAX DIGGING DEPTH		D-Off	177	HP	D-Off	635		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$27.61	\$1.99	\$29.60	\$13.61	\$2.33	\$0.00	\$0.00	\$35.63	\$51.57	\$81.17
Severe	\$33.13	\$2.02	\$35.15	\$18.00	\$3.08	\$0.00	\$0.00	\$50.77	\$71.85	\$107.00
Standby	\$13.81	\$1.99							\$15.80	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H25CS026	CX300D	HYDRAULIC EXCAVATOR, CRAWLER, 67,300 LBS, 2.03 CY BUCKET, 24.83' MAX DIGGING DEPTH		D-Off	207	HP	D-Off	673		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$30.83	\$2.22	\$33.05	\$15.91	\$2.73	\$0.00	\$0.00	\$39.78	\$58.42	\$91.47
Severe	\$36.99	\$2.25	\$39.24	\$21.05	\$3.61	\$0.00	\$0.00	\$56.69	\$81.34	\$120.58
Standby	\$15.42	\$2.22							\$17.64	

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.12 OVER 40,000 LBS THRU 100,000 LBS

CASE CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H25CS027	CX350D	HYDRAULIC EXCAVATOR, CRAWLER, 82,500 LBS, 2.33 CY BUCKET, 26.67' MAX DIGGING DEPTH		D-Off	268	HP	D-Off	825		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$33.46	\$2.42	\$35.88	\$20.60	\$3.53	\$0.00	\$0.00	\$43.18	\$67.31	\$103.19
Severe	\$40.16	\$2.45	\$42.61	\$27.25	\$4.67	\$0.00	\$0.00	\$61.54	\$93.46	\$136.07
Standby	\$16.73	\$2.42							\$19.15	

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H25CA001	336F L	HYDRAULIC EXCAVATOR, CRAWLER, 82,000 LBS, 2.98 CY BUCKET, 24.5' MAX DIGGING DEPTH		D-Off	319	HP	D-Off	820		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$26.57	\$1.92	\$28.49	\$24.52	\$4.20	\$0.00	\$0.00	\$34.29	\$63.01	\$91.50
Severe	\$31.88	\$1.94	\$33.82	\$32.44	\$5.56	\$0.00	\$0.00	\$48.86	\$86.86	\$120.68
Standby	\$13.29	\$1.92							\$15.21	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.12 OVER 40,000 LBS THRU 100,000 LBS

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H25CA022	320F L	HYDRAULIC EXCAVATOR, CRAWLER, 49,200 LBS, 1.56 CY BUCKET, 22' MAX DIGGING DEPTH		D-Off	164	HP	D-Off	492		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$15.35	\$1.11	\$16.46	\$12.61	\$2.16	\$0.00	\$0.00	\$19.81	\$34.58	\$51.04
Severe	\$18.42	\$1.12	\$19.54	\$16.68	\$2.86	\$0.00	\$0.00	\$28.23	\$47.77	\$67.31
Standby	\$7.68	\$1.11							\$8.79	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H25CA040	318F	HYDRAULIC EXCAVATOR, CRAWLER, 41,000 LBS, 1.19 CY BUCKET, 20' MAX DIGGING DEPTH		D-Off	122	HP	D-Off	410		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$18.49	\$1.33	\$19.82	\$9.38	\$1.61	\$0.00	\$0.00	\$23.86	\$34.85	\$54.67
Severe	\$22.19	\$1.35	\$23.54	\$12.40	\$2.12	\$0.00	\$0.00	\$34.01	\$48.53	\$72.07
Standby	\$9.25	\$1.33							\$10.58	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.12 OVER 40,000 LBS THRU 100,000 LBS

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H25CA041	323F	HYDRAULIC EXCAVATOR, CRAWLER, 50,900 LBS, 1.56 CY BUCKET, 22' MAX DIGGING DEPTH		D-Off	162	HP	D-Off	509		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$16.73	\$1.21	\$17.94	\$12.45	\$2.13	\$0.00	\$0.00	\$21.59	\$36.18	\$54.12
Severe	\$20.08	\$1.22	\$21.30	\$16.47	\$2.82	\$0.00	\$0.00	\$30.77	\$50.06	\$71.36
Standby	\$8.37	\$1.21							\$9.58	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H25CA042	325F	HYDRAULIC EXCAVATOR, CRAWLER, 57,200 LBS, 1.56 CY BUCKET, 22' MAX DIGGING DEPTH		D-Off	164	HP	D-Off	572		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$21.72	\$1.57	\$23.29	\$12.61	\$2.16	\$0.00	\$0.00	\$28.03	\$42.80	\$66.09
Severe	\$26.06	\$1.59	\$27.65	\$16.68	\$2.86	\$0.00	\$0.00	\$39.94	\$59.48	\$87.13
Standby	\$10.86	\$1.57							\$12.43	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.12 OVER 40,000 LBS THRU 100,000 LBS

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H25CA043	326F	HYDRAULIC EXCAVATOR, CRAWLER, 57,300 LBS, 2.40 CY BUCKET, 22.3' MAX DIGGING DEPTH		D-Off	207	HP	D-Off	573		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$19.53	\$1.41	\$20.94	\$15.91	\$2.73	\$0.00	\$0.00	\$25.20	\$43.84	\$64.78
Severe	\$23.44	\$1.43	\$24.87	\$21.05	\$3.61	\$0.00	\$0.00	\$35.92	\$60.57	\$85.44
Standby	\$9.77	\$1.41							\$11.18	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H25CA044	329F	HYDRAULIC EXCAVATOR, CRAWLER, 68,209 LBS, 2.02 CY BUCKET, 23' 9" MAX DIGGING DEPTH		D-Off	239	HP	D-Off	630		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$22.27	\$1.61	\$23.88	\$18.37	\$3.15	\$0.00	\$0.00	\$28.74	\$50.26	\$74.14
Severe	\$26.73	\$1.63	\$28.36	\$24.30	\$4.16	\$0.00	\$0.00	\$40.96	\$69.42	\$97.78
Standby	\$11.14	\$1.61							\$12.75	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.12 OVER 40,000 LBS THRU 100,000 LBS

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H25CA045	335 L CR	HYDRAULIC EXCAVATOR, CRAWLER, 81,300 LBS, 2.01 CY BUCKET, 22' 11" MAX DIGGING DEPTH		D-Off	204	HP	D-Off	757		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$26.57	\$1.92	\$28.49	\$15.68	\$2.69	\$0.00	\$0.00	\$34.29	\$52.66	\$81.15
Severe	\$31.89	\$1.94	\$33.83	\$20.74	\$3.55	\$0.00	\$0.00	\$48.87	\$73.16	\$106.99
Standby	\$13.29	\$1.92							\$15.21	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H25CA074	320GC	HYDRAULIC EXCAVATOR, CRAWLER, 44,800 LBS, 1.31 CY BUCKET, 22' MAX DIGGING DEPTH		D-Off	145	HP	D-Off	448		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$14.96	\$1.08	\$16.04	\$11.15	\$1.91	\$0.00	\$0.00	\$19.31	\$32.37	\$48.41
Severe	\$17.95	\$1.09	\$19.04	\$14.74	\$2.53	\$0.00	\$0.00	\$27.51	\$44.78	\$63.82
Standby	\$7.48	\$1.08							\$8.56	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.12 OVER 40,000 LBS THRU 100,000 LBS

KOBELCO AMERICA INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
H25KC020	SK210 LC-10	HYDRAULIC EXCAVATOR, CRAWLER, 49,000 LBS, 1.8 CY BUCKET, 23' 10" MAX DIGGING DEPTH		D-Off	160	HP	D-Off		494	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$20.38	\$1.47	\$21.85	\$12.30	\$2.11	\$0.00	\$0.00	\$26.30	\$40.71	\$62.56
Severe	\$24.46	\$1.49	\$25.95	\$16.27	\$2.79	\$0.00	\$0.00	\$37.48	\$56.54	\$82.49
Standby	\$10.19	\$1.47							\$11.66	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
H25KC029	SK260 SRLC-10	HYDRAULIC EXCAVATOR, CRAWLER, 59,300 LBS, 1.22 CY BUCKET, 23' 1" MAX DIGGING DEPTH		D-Off	166	HP	D-Off		593	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$21.21	\$1.53	\$22.74	\$12.76	\$2.19	\$0.00	\$0.00	\$27.37	\$42.32	\$65.06
Severe	\$25.45	\$1.55	\$27.00	\$16.88	\$2.89	\$0.00	\$0.00	\$39.00	\$58.77	\$85.77
Standby	\$10.61	\$1.53							\$12.14	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.12 OVER 40,000 LBS THRU 100,000 LBS

KOBELCO AMERICA INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H25KC030	SK350 LC-10	HYDRAULIC EXCAVATOR, CRAWLER, 82,200 LBS, 2.75 CY BUCKET, 27'6" MAX DIGGING DEPTH		D-Off	270	HP	D-Off	822		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$26.36	\$1.90	\$28.26	\$20.76	\$3.56	\$0.00	\$0.00	\$34.02	\$58.34	\$86.60
Severe	\$31.64	\$1.93	\$33.57	\$27.45	\$4.70	\$0.00	\$0.00	\$48.48	\$80.63	\$114.20
Standby	\$13.18	\$1.90							\$15.08	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H25KC032	SK300 LC-10	HYDRAULIC EXCAVATOR, CRAWLER, 67,900 LBS 1.875 CY BUCKET, 23.7' MAX DIGGING DEPTH		D-Off	255	HP	D-Off	679		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$26.68	\$1.93	\$28.61	\$19.60	\$3.36	\$0.00	\$0.00	\$34.43	\$57.39	\$86.00
Severe	\$32.02	\$1.95	\$33.97	\$25.93	\$4.44	\$0.00	\$0.00	\$49.07	\$79.44	\$113.41
Standby	\$13.34	\$1.93							\$15.27	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.12 OVER 40,000 LBS THRU 100,000 LBS

KOMATSU DRESSER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H25ID002	CDM6235	HYDRAULIC EXCAVATOR, CRAWLER, 48,502 LBS, 1.5 CY BUCKET, 21.58' MAX DIGGING DEPTH		D-Off	194.4	HP	D-Off	485		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.00	\$0.65	\$9.65	\$14.95	\$2.56	\$0.00	\$0.00	\$11.62	\$29.13	\$38.78
Severe	\$10.80	\$0.66	\$11.46	\$19.77	\$3.39	\$0.00	\$0.00	\$16.55	\$39.71	\$51.17
Standby	\$4.50	\$0.65							\$5.15	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H25ID003	CDM6365E	HYDRAULIC EXCAVATOR, CRAWLER, 74,957 LBS, 2.4 CY BUCKET, 23.2' MAX DIGGING DEPTH		D-Off	289.6	HP	D-Off	750		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$14.55	\$1.05	\$15.60	\$22.26	\$3.81	\$0.00	\$0.00	\$18.78	\$44.85	\$60.45
Severe	\$17.46	\$1.06	\$18.52	\$29.45	\$5.05	\$0.00	\$0.00	\$26.76	\$61.25	\$79.77
Standby	\$7.28	\$1.05							\$8.33	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.13 OVER 100,000 LBS THRU 160,000 LBS

CASE CORPORATION

			Value TEV	Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT	
H25CS028	CX490D	HYDRAULIC EXCAVATOR, CRAWLER, 109,300 LBS, 3.37 CY BUCKET, 30.17' MAX DIGGING DEPTH		D-Off	362	HP	D-Off	1093	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$32.81	\$3.11	\$35.92	\$27.83	\$1.50	\$0.00	\$0.00	\$52.92	\$82.25	\$118.17
Severe	\$38.88	\$3.13	\$42.01	\$36.81	\$1.99	\$0.00	\$0.00	\$68.99	\$107.79	\$149.80
Standby	\$16.41	\$3.11							\$19.52	

			Value TEV	Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT	
H25CS029	CX700B	HYDRAULIC EXCAVATOR, CRAWLER, 153,400 LBS, 4.2 CY BUCKET, 32.33' MAX DIGGING DEPTH		D-Off	463	HP	D-Off	1534	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$40.95	\$3.88	\$44.83	\$35.60	\$1.92	\$0.00	\$0.00	\$66.06	\$103.58	\$148.41
Severe	\$48.54	\$3.91	\$52.45	\$47.08	\$2.54	\$0.00	\$0.00	\$86.12	\$135.75	\$188.20
Standby	\$20.48	\$3.88							\$24.36	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.13 OVER 100,000 LBS THRU 160,000 LBS

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
H25CA002	349F L	HYDRAULIC EXCAVATOR, CRAWLER, 107,200 LBS, 5.0 CY BUCKET, 27' MAX DIGGING DEPTH			D-Off	425	HP	D-Off	1072	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$34.88	\$3.30	\$38.18	\$32.67	\$1.77	\$0.00	\$0.00	\$56.26	\$90.70	\$128.88
Severe	\$41.34	\$3.33	\$44.67	\$43.21	\$2.34	\$0.00	\$0.00	\$73.35	\$118.89	\$163.56
Standby	\$17.44	\$3.30							\$20.74	

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
H25CA003	352F	HYDRAULIC EXCAVATOR, CRAWLER, 115,700 LBS, 5.00 CY BUCKET, 28' 10" MAX DIGGING DEPTH			D-Off	417	HP	D-Off	1157	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$31.24	\$2.96	\$34.20	\$32.06	\$1.73	\$0.00	\$0.00	\$50.39	\$84.18	\$118.38
Severe	\$37.02	\$2.98	\$40.00	\$42.40	\$2.29	\$0.00	\$0.00	\$65.69	\$110.38	\$150.38
Standby	\$15.62	\$2.96							\$18.58	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.13 OVER 100,000 LBS THRU 160,000 LBS

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H25CA004	374F	HYDRAULIC EXCAVATOR, CRAWLER, 157,000 LBS, 5.0 CY BUCKET, 28' MAX DIGGING DEPTH		D-Off	485	HP	D-Off	1570		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$40.80	\$3.86	\$44.66	\$37.29	\$2.02	\$0.00	\$0.00	\$65.81	\$105.11	\$149.77
Severe	\$48.35	\$3.90	\$52.25	\$49.31	\$2.67	\$0.00	\$0.00	\$85.80	\$137.77	\$190.02
Standby	\$20.40	\$3.86							\$24.26	

KOBELCO AMERICA INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H25KC031	SK500 LC-10	HYDRAULIC EXCAVATOR, CRAWLER, 114,000 LBS 4.26 CY BUCKET, 30' 5" MAX DIGGING DEPTH		D-Off	369	HP	D-Off	1140		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$28.00	\$2.65	\$30.65	\$28.37	\$1.53	\$0.00	\$0.00	\$45.16	\$75.06	\$105.71
Severe	\$33.18	\$2.68	\$35.86	\$37.52	\$2.03	\$0.00	\$0.00	\$58.88	\$98.42	\$134.28
Standby	\$14.00	\$2.65							\$16.65	

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.13 OVER 100,000 LBS THRU 160,000 LBS

KOMATSU AMERICA INTERNATIONAL COMPANY

			Value TEV	Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT	
H25KM015	PC650LC-8	HYDRAULIC EXCAVATOR, CRAWLER, 139,330 LBS, 4.98 CY BUCKET, 27' 10" MAX DIGGING DEPTH		D-Off	429	HP	D-Off	1464	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$71.27	\$6.75	\$78.02	\$32.98	\$1.78	\$0.00	\$0.00	\$114.97	\$149.73	\$227.75
Severe	\$84.47	\$6.81	\$91.28	\$43.62	\$2.36	\$0.00	\$0.00	\$149.89	\$195.86	\$287.14
Standby	\$35.64	\$6.75							\$42.39	

KOMATSU DRESSER

			Value TEV	Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT	
H25ID004	CDM6485	HYDRAULIC EXCAVATOR, CRAWLER, 106,263 LBS, 2.7 CY BUCKET, 25.58' MAX DIGGING DEPTH		D-Off	360.7	HP	D-Off	1063	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$15.69	\$1.49	\$17.18	\$27.73	\$1.50	\$0.00	\$0.00	\$25.31	\$54.54	\$71.72
Severe	\$18.60	\$1.50	\$20.10	\$36.68	\$1.98	\$0.00	\$0.00	\$33.00	\$71.66	\$91.76
Standby	\$7.85	\$1.49							\$9.34	

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.14 OVER 160,000 LBS

CASE CORPORATION

			Value TEV	Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT	
H25CS030	CX800B	HYDRAULIC EXCAVATOR, CRAWLER, 179,000 LBS, 6.2 CY BUCKET, 23.08' MAX DIGGING DEPTH		D-Off	532	HP	D-Off	1786	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$47.06	\$5.25	\$52.31	\$40.90	\$2.40	\$0.00	\$0.00	\$83.50	\$126.80	\$179.11
Severe	\$59.61	\$5.31	\$64.92	\$54.09	\$3.17	\$0.00	\$0.00	\$120.19	\$177.46	\$242.38
Standby	\$23.53	\$5.25							\$28.78	

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT	
H25CA005	390F	HYDRAULIC EXCAVATOR, CRAWLER, 157,000 LBS, 6.0 CY BUCKET, 35' 3" MAX DIGGING DEPTH		D-Off	524	HP	D-Off	1570	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$46.76	\$5.22	\$51.98	\$40.29	\$2.36	\$0.00	\$0.00	\$82.96	\$125.62	\$177.60
Severe	\$59.22	\$5.28	\$64.50	\$53.28	\$3.12	\$0.00	\$0.00	\$119.42	\$175.82	\$240.32
Standby	\$23.38	\$5.22							\$28.60	

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.14 OVER 160,000 LBS

KOMATSU AMERICA INTERNATIONAL COMPANY

			Value TEV	Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT	
H25KM009	PC 800 LC-8	HYDRAULIC EXCAVATOR, CRAWLER, 184,705 LBS, 6.0 CY BUCKET, 28' 3" MAX DIGGING DEPTH		D-Off	487	HP	D-Off	1930	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$50.68	\$5.66	\$56.34	\$37.44	\$2.20	\$0.00	\$0.00	\$89.93	\$129.57	\$185.91
Severe	\$64.20	\$5.72	\$69.92	\$49.52	\$2.90	\$0.00	\$0.00	\$129.45	\$181.87	\$251.79
Standby	\$25.34	\$5.66							\$31.00	

			Value TEV	Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT	
H25KM035	PC1250SP-11	HYDRAULIC EXCAVATOR, CRAWLER, 265,000 LBS, 4.1 CY - 11.9 CY BUCKET, 26' MAX DIGGING DEPTH		D-Off	758	HP	D-Off	2726	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$62.67	\$7.00	\$69.67	\$58.28	\$3.42	\$0.00	\$0.00	\$111.21	\$172.91	\$242.58
Severe	\$79.39	\$7.07	\$86.46	\$77.07	\$4.52	\$0.00	\$0.00	\$160.07	\$241.66	\$328.12
Standby	\$31.34	\$7.00							\$38.34	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.21 EXCAVATOR ATTACHMENTS, MOBILE S

CATERPILLAR INC. (MACHINE DIVISION)

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
H25CA055	S305	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, SCRAP, 9.4" JAW OPENING (ADD 10,000 LB HYDRAULIC EXCAVATOR)						D-Off	D-Off	14	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$4.44	\$0.14	\$4.58	\$0.00	\$0.40	\$0.00	\$0.00	\$5.80	\$6.20	\$10.78	
Standby	\$2.22	\$0.14							\$2.36		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
H25CA057	S320B	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, SCRAP, 16" JAW OPENING (ADD 20,000 LB HYDRAULIC EXCAVATOR)						D-Off	D-Off	57	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$15.36	\$0.49	\$15.85	\$0.00	\$0.80	\$0.00	\$0.00	\$20.06	\$20.86	\$36.71	
Standby	\$7.68	\$0.49							\$8.17		

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.21 EXCAVATOR ATTACHMENTS, MOBILE S

CATERPILLAR INC. (MACHINE DIVISION)

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
H25CA066	S325B	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, SCRAP, 21" JAW OPENING (ADD 45,000 LB HYDRAULIC EXCAVATOR)						D-Off	D-Off	75	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$18.97	\$0.61	\$19.58	\$0.00	\$0.00	\$0.00	\$0.00	\$24.78	\$24.78	\$44.36	
Standby	\$9.49	\$0.61							\$10.10		

LABOUNTY MANUFACTURING,

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
H25LU001	MSD 7	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, 10" JAW OPENING (ADD 10,000 LB HYDRAULIC EXCAVATOR)						D-Off	D-Off	10	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$4.21	\$0.13	\$4.34	\$0.00	\$0.40	\$0.00	\$0.00	\$5.50	\$5.90	\$10.24	
Standby	\$2.11	\$0.13							\$2.24		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.21 EXCAVATOR ATTACHMENTS, MOBILE S

LABOUNTY MANUFACTURING,

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
H25LU002	MSD 7R	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, ROTATING, 10" JAW OPENING (ADD 14,000 LB HYDRAULIC EXCAVATOR)						D-Off	D-Off	11	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$4.75	\$0.15	\$4.90	\$0.00	\$0.50	\$0.00	\$0.00	\$6.20	\$6.70	\$11.60	
Standby	\$2.38	\$0.15							\$2.53		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
H25LU003	MSD 800	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, 15" JAW OPENING (ADD 20,000 LB HYDRAULIC EXCAVATOR)						D-Off	D-Off	28	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$9.77	\$0.31	\$10.08	\$0.00	\$0.80	\$0.00	\$0.00	\$12.77	\$13.57	\$23.65	
Standby	\$4.89	\$0.31							\$5.20		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.21 EXCAVATOR ATTACHMENTS, MOBILE S

LABOUNTY MANUFACTURING,

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
H25LU004	MSD 800R	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, ROTATING, 15" JAW OPENING (ADD 25,000 LB HYDRAULIC EXCAVATOR)						D-Off	D-Off	23	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$10.87	\$0.35	\$11.22	\$0.00	\$0.90	\$0.00	\$0.00	\$14.20	\$15.10	\$26.32	
Standby	\$5.44	\$0.35							\$5.79		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
H25LU005	MSD 1000	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, 19" JAW OPENING (ADD 35,000 LB HYDRAULIC EXCAVATOR)						D-Off	D-Off	42	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$13.20	\$0.42	\$13.62	\$0.00	\$1.10	\$0.00	\$0.00	\$17.24	\$18.34	\$31.96	
Standby	\$6.60	\$0.42							\$7.02		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.21 EXCAVATOR ATTACHMENTS, MOBILE S

LABOUNTY MANUFACTURING,

						Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description				12/1/2017	Main		Carrier	CWT
H25LU006	MSD 1000R	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, ROTATING, 19" JAW OPENING (ADD 40,000 LB HYDRAULIC EXCAVATOR)				D-Off		D-Off		44
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$14.33	\$0.46	\$14.79	\$0.00	\$1.50	\$0.00	\$0.00	\$18.72	\$20.22	\$35.01
Standby	\$7.17	\$0.46							\$7.63	
						Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description				12/1/2017	Main		Carrier	CWT
H25LU007	MSD 1500	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, 22" JAW OPENING (ADD 55,000 LB HYDRAULIC EXCAVATOR)				D-Off		D-Off		66
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$16.20	\$0.52	\$16.72	\$0.00	\$1.40	\$0.00	\$0.00	\$21.17	\$22.57	\$39.29
Standby	\$8.10	\$0.52							\$8.62	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.21 EXCAVATOR ATTACHMENTS, MOBILE S

LABOUNTY MANUFACTURING,

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
H25LU008	MSD 1500R	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, ROTATING, 22" JAW OPENING (ADD 65,000 LB HYDRAULIC EXCAVATOR)		D-Off	D-Off	70				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$19.10	\$0.61	\$19.71	\$0.00	\$1.60	\$0.00	\$0.00	\$24.96	\$26.56	\$46.27
Standby	\$9.55	\$0.61							\$10.16	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
H25LU009	MSD 2000	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, 28" JAW OPENING (ADD 70,000 LB HYDRAULIC EXCAVATOR)		D-Off	D-Off	89				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$18.08	\$0.58	\$18.66	\$0.00	\$1.70	\$0.00	\$0.00	\$23.62	\$25.32	\$43.98
Standby	\$9.04	\$0.58							\$9.62	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.21 EXCAVATOR ATTACHMENTS, MOBILE S

LABOUNTY MANUFACTURING,

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT
H25LU010	MSD 2000R	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, ROTATING, 28" JAW OPENING (ADD 90,000 LB HYDRAULIC EXCAVATOR)					D-Off		D-Off		102
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$22.94	\$0.73	\$23.67	\$0.00	\$2.00	\$0.00	\$0.00	\$29.97	\$31.97	\$55.64	
Standby	\$11.47	\$0.73							\$12.20		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT
H25LU011	MSD 2500	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, 32" JAW OPENING (ADD 90,000 LB HYDRAULIC EXCAVATOR)					D-Off		D-Off		120
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$25.44	\$0.81	\$26.25	\$0.00	\$2.00	\$0.00	\$0.00	\$33.24	\$35.24	\$61.49	
Standby	\$12.72	\$0.81							\$13.53		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.21 EXCAVATOR ATTACHMENTS, MOBILE S

LABOUNTY MANUFACTURING,

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
H25LU012	MSD 2500R	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, ROTATING, 32" JAW OPENING (ADD 110,000 LB HYDRAULIC EXCAVATOR)						D-Off	D-Off	146	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$30.37	\$0.97	\$31.34	\$0.00	\$2.50	\$0.00	\$0.00	\$39.68	\$42.18	\$73.52	
Standby	\$15.19	\$0.97							\$16.16		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
H25LU013	MSD 3000	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, 35" JAW OPENING (ADD 145,000 LB HYDRAULIC EXCAVATOR)						D-Off	D-Off	133	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$30.31	\$0.97	\$31.28	\$0.00	\$2.60	\$0.00	\$0.00	\$39.60	\$42.20	\$73.48	
Standby	\$15.16	\$0.97							\$16.13		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.21 EXCAVATOR ATTACHMENTS, MOBILE S

LABOUNTY MANUFACTURING,

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT
H25LU014	MSD 3000R	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, ROTATING, 35" JAW OPENING (ADD 160,000 LB HYDRAULIC EXCAVATOR)					D-Off		D-Off		170
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$36.25	\$1.16	\$37.41	\$0.00	\$3.00	\$0.00	\$0.00	\$47.36	\$50.36	\$87.77	
Standby	\$18.13	\$1.16							\$19.29		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT
H25LU055	MSD 2250	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, 30" JAW OPENING (ADD 90,000 LB HYDRAULIC EXCAVATOR)					D-Off		D-Off		105
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$22.22	\$0.71	\$22.93	\$0.00	\$2.60	\$0.00	\$0.00	\$29.03	\$31.63	\$54.56	
Standby	\$11.11	\$0.71							\$11.82		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.21 EXCAVATOR ATTACHMENTS, MOBILE S

LABOUNTY MANUFACTURING,

			Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT
H25LU056	MSD 2250R	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, ROTATING, 30" JAW OPENING (ADD 110,000 LB HYDRAULIC EXCAVATOR)		D-Off	D-Off	125

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$27.12	\$0.87	\$27.99	\$0.00	\$2.60	\$0.00	\$0.00	\$35.43	\$38.03	\$66.02
Standby	\$13.56	\$0.87							\$14.43	

H25 0.22 EXCAVATOR ATTACHMENTS, MATERIAL

DYMAX

			Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT
H25DX001	30X1.63-HX-45T	HYDRAULIC EXCAVATOR, ATTACHMENT, ROCK BUCKET, 1.63 CY BUCKET, W/TIPS (ADD 35-50 TON HYDRAULIC EXCAVATOR)		D-Off	D-Off	39

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.46	\$0.09	\$2.55	\$0.00	\$0.00	\$0.00	\$0.00	\$3.03	\$3.03	\$5.58
Standby	\$1.23	\$0.09							\$1.32	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.22 EXCAVATOR ATTACHMENTS, MATERIAL

DYMAX

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT
H25DX002	42X1.88-HX-45T	HYDRAULIC EXCAVATOR, ATTACHMENT, ROCK BUCKET, 1.88 CY BUCKET, W/TIPS (ADD 35-50 TON HYDRAULIC EXCAVATOR)					D-Off		D-Off		43
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$2.75	\$0.10	\$2.85	\$0.00	\$0.00	\$0.00	\$0.00	\$3.39	\$3.39	\$6.24	
Standby	\$1.38	\$0.10							\$1.48		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
H25DX003	48X2.25-HX-45T	HYDRAULIC EXCAVATOR, ATTACHMENT, ROCK BUCKET, 2.25 CY BUCKET, W/TIPS (ADD 35-50 TON HYDRAULIC EXCAVATOR)						D-Off	D-Off	46	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$3.14	\$0.11	\$3.25	\$0.00	\$0.00	\$0.00	\$0.00	\$3.88	\$3.88	\$7.13	
Standby	\$1.57	\$0.11							\$1.68		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.22 EXCAVATOR ATTACHMENTS, MATERIAL

DYMAX

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
H25DX004	54X3.00-HX-45T	HYDRAULIC EXCAVATOR, ATTACHMENT, ROCK BUCKET, 3.00 CY BUCKET, W/TIPS (ADD 35-50 TON HYDRAULIC EXCAVATOR)						D-Off	D-Off	50	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$3.33	\$0.12	\$3.45	\$0.00	\$0.00	\$0.00	\$0.00	\$4.11	\$4.11	\$7.56	
Standby	\$1.67	\$0.12							\$1.79		

							Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT
H25DX005	60X3.25-HX-45T	HYDRAULIC EXCAVATOR, ATTACHMENT, ROCK BUCKET, 3.25 CY BUCKET, W/TIPS (ADD 35-50 TON HYDRAULIC EXCAVATOR)						D-Off	D-Off	57
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.65	\$0.13	\$3.78	\$0.00	\$0.00	\$0.00	\$0.00	\$4.50	\$4.50	\$8.28
Standby	\$1.83	\$0.13							\$1.96	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.22 EXCAVATOR ATTACHMENTS, MATERIAL

LABOUNTY MANUFACTURING,

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT
H25LU023	TW 100	HYDRAULIC EXCAVATOR, ATTACHMENT, MATERIAL HANDLING, GRAPPLE, 1.25CY, 4-TINE/ 5-TINE (ADD 25,000 LB HYDRAULIC EXCAVATOR)					D-Off		D-Off		16
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$5.36	\$0.19	\$5.55	\$0.00	\$0.25	\$0.00	\$0.00	\$6.61	\$6.86	\$12.41	
Standby	\$2.68	\$0.19							\$2.87		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT
H25LU024	HDR 30S	HYDRAULIC EXCAVATOR, ATTACHMENT, MATERIAL HANDLING, GRAPPLE, 2-TINE/3-TINE (ADD 25,000-35,000 LB HYDRAULIC EXCAVATOR)					D-Off		D-Off		16
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$2.36	\$0.08	\$2.44	\$0.00	\$0.30	\$0.00	\$0.00	\$2.91	\$3.21	\$5.65	
Standby	\$1.18	\$0.08							\$1.26		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.22 EXCAVATOR ATTACHMENTS, MATERIAL

LABOUNTY MANUFACTURING,

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
H25LU025	HDR 40S	HYDRAULIC EXCAVATOR, ATTACHMENT, MATERIAL HANDLING, GRAPPLE, 2-TINE/3-TINE (ADD 35,000-45,000 LB HYDRAULIC EXCAVATOR)						D-Off	D-Off	27	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$2.84	\$0.10	\$2.94	\$0.00	\$0.40	\$0.00	\$0.00	\$3.51	\$3.91	\$6.85	
Standby	\$1.42	\$0.10							\$1.52		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
H25LU026	HDR 50S	HYDRAULIC EXCAVATOR, ATTACHMENT, MATERIAL HANDLING, GRAPPLE, 2-TINE/3-TINE (ADD 45,000-65,000 LB HYDRAULIC EXCAVATOR)						D-Off	D-Off	35	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$3.41	\$0.12	\$3.53	\$0.00	\$0.50	\$0.00	\$0.00	\$4.21	\$4.71	\$8.24	
Standby	\$1.71	\$0.12							\$1.83		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.22 EXCAVATOR ATTACHMENTS, MATERIAL

LABOUNTY MANUFACTURING,

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
H25LU027	HDR 70S	HYDRAULIC EXCAVATOR, ATTACHMENT, MATERIAL HANDLING, GRAPPLE, 2-TINE/3-TINE (ADD 65,000-85,000 LB HYDRAULIC EXCAVATOR)						D-Off	D-Off	57	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$3.83	\$0.13	\$3.96	\$0.00	\$0.60	\$0.00	\$0.00	\$4.72	\$5.32	\$9.28	
Standby	\$1.92	\$0.13							\$2.05		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
H25LU028	TW 170	HYDRAULIC EXCAVATOR, ATTACHMENT, MATERIAL HANDLING, GRAPPLE, 9.00CY, 4-TINE/ 5-TINE (ADD 100,000 LB HYDRAULIC EXCAVATOR)						D-Off	D-Off	78	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$6.99	\$0.24	\$7.23	\$0.00	\$0.70	\$0.00	\$0.00	\$8.63	\$9.33	\$16.56	
Standby	\$3.50	\$0.24							\$3.74		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.22 EXCAVATOR ATTACHMENTS, MATERIAL

LABOUNTY MANUFACTURING,

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
H25LU034	RDG 60	HYDRAULIC EXCAVATOR, ATTACHMENT, MATERIAL HANDLING, ROTATING GRAPPLE, 1.75 CY (ADD 38,000-70,000 LB HYDRAULIC EXCAVATOR)						D-Off	D-Off	35	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$9.22	\$0.32	\$9.54	\$0.00	\$0.80	\$0.00	\$0.00	\$11.38	\$12.18	\$21.72	
Standby	\$4.61	\$0.32							\$4.93		
							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
H25LU035	RDG 90	HYDRAULIC EXCAVATOR, ATTACHMENT, MATERIAL HANDLING, ROTATING GRAPPLE, 1.25 CY (ADD 70,000-140,000 LB HYDRAULIC EXCAVATOR)						D-Off	D-Off	69	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$11.26	\$0.39	\$11.65	\$0.00	\$0.90	\$0.00	\$0.00	\$13.90	\$14.80	\$26.45	
Standby	\$5.63	\$0.39							\$6.02		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.22 EXCAVATOR ATTACHMENTS, MATERIAL

LABOUNTY MANUFACTURING,

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
H25LU036	RDG 120	HYDRAULIC EXCAVATOR, ATTACHMENT, MATERIAL HANDLING, ROTATING GRAPPLE, 2.00 CY (ADD 120,000-160,000 LB HYDRAULIC EXCAVATOR)		D-Off	D-Off	100				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$13.12	\$0.46	\$13.58	\$0.00	\$1.00	\$0.00	\$0.00	\$16.19	\$17.19	\$30.77
Standby	\$6.56	\$0.46							\$7.02	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
H25LU057	HDR 100S	HYDRAULIC EXCAVATOR, ATTACHMENT, MATERIAL HANDLING, GRAPPLE, 2-TINE/3-TINE (ADD 85,000-110,000 LB HYDRAULIC EXCAVATOR)		D-Off	D-Off	77				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.07	\$0.18	\$5.25	\$0.00	\$0.60	\$0.00	\$0.00	\$6.26	\$6.86	\$12.11
Standby	\$2.54	\$0.18							\$2.72	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.22 EXCAVATOR ATTACHMENTS, MATERIAL

ROCKLAND MANUFACTURING COMPANY

			Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT
H25RZ001	EPR-B2-36	HYDRAULIC EXCAVATOR, ATTACHMENT, MATERIAL HANDLING, BUCKET, 36" CONCRETE/PAVEMENT REMOVAL (ADD 75,000 LB HYDRAULIC EXCAVATOR)		D-Off	D-Off	21

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.13	\$0.04	\$1.17	\$0.00	\$0.00	\$0.00	\$0.00	\$1.39	\$1.39	\$2.56
Standby	\$0.57	\$0.04							\$0.61	

H25 0.23 EXCAVATOR ATTACHMENTS, CONCRET

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT
H25CA068	P215	HYDRAULIC EXCAVATOR, ATTACHMENT, CONCRETE PULVERIZER, CRUSHER, 33.0" JAW OPENING (ADD 40,000 LB MIN HYDRAULIC EXCAVATOR)		D-Off	D-Off	37

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.12	\$0.29	\$9.41	\$0.00	\$0.00	\$0.00	\$0.00	\$13.24	\$13.24	\$22.65
Standby	\$4.56	\$0.29							\$4.85	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.23 EXCAVATOR ATTACHMENTS, CONCRET

CATERPILLAR INC. (MACHINE DIVISION)

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT
H25CA069	P225	HYDRAULIC EXCAVATOR, ATTACHMENT, CONCRETE PULVERIZER, 40.1" JAW OPENING (ADD 40,000 LB MIN HYDRAULIC EXCAVATOR)					D-Off		D-Off		55
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$10.93	\$0.35	\$11.28	\$0.00	\$0.00	\$0.00	\$0.00	\$15.86	\$15.86	\$27.14	
Standby	\$5.47	\$0.35							\$5.82		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT
H25CA070	P235	HYDRAULIC EXCAVATOR, ATTACHMENT, CONCRETE PULVERIZER, 47.8" JAW OPENING (ADD 40,000 LB MIN HYDRAULIC EXCAVATOR)					D-Off		D-Off		88
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$15.30	\$0.49	\$15.79	\$0.00	\$0.00	\$0.00	\$0.00	\$22.21	\$22.21	\$38.00	
Standby	\$7.65	\$0.49							\$8.14		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.23 EXCAVATOR ATTACHMENTS, CONCRET

FURUKAWA CO.,LTD.

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
H25FU001	FX175	HYDRAULIC EXCAVATOR, ATTACHMENT, CONCRETE BREAKER, 3,250 FT-LB, W/4.72" DIA (ADD 13,000-22,000 LB HYDRAULIC EXCAVATOR)						D-Off	D-Off	21	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$5.33	\$0.17	\$5.50	\$0.00	\$0.50	\$0.00	\$0.00	\$7.73	\$8.23	\$13.73	
Standby	\$2.67	\$0.17							\$2.84		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
H25FU002	FX275	HYDRAULIC EXCAVATOR, ATTACHMENT, CONCRETE BREAKER, 5,250 FT-LB, W/5.51" DIA. POINT (ADD 42,000-66,000 LB HYDRAULIC EXCAVATOR)						D-Off	D-Off	38	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$7.94	\$0.25	\$8.19	\$0.00	\$0.50	\$0.00	\$0.00	\$11.53	\$12.03	\$20.22	
Standby	\$3.97	\$0.25							\$4.22		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.23 EXCAVATOR ATTACHMENTS, CONCRET

FURUKAWA CO.,LTD.

			Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT
H25FU003	FX770	HYDRAULIC EXCAVATOR, ATTACHMENT, CONCRETE BREAKER, 10,000 FT-LB, W/7.09 " DIA. POINT (ADD 80,000 LB HYDRAULIC EXCAVATOR)		D-Off	D-Off	103

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$17.58	\$0.56	\$18.14	\$0.00	\$1.00	\$0.00	\$0.00	\$25.51	\$26.51	\$44.65
Standby	\$8.79	\$0.56							\$9.35	

LABOUNTY MANUFACTURING,

			Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT
H25LU040	UP 45 SV	HYDRAULIC EXCAVATOR, ATTACHMENT, CONCRETE PULVERIZER, CRACKING JAWS, 45" JAW OPENING (ADD 55,000 LB HYDRAULIC EXCAVATOR)		D-Off	D-Off	105

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$23.59	\$0.75	\$24.34	\$0.00	\$0.75	\$0.00	\$0.00	\$34.24	\$34.99	\$59.33
Standby	\$11.80	\$0.75							\$12.55	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.23 EXCAVATOR ATTACHMENTS, CONCRET

LABOUNTY MANUFACTURING,

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
H25LU041	UP 75 SV	HYDRAULIC EXCAVATOR, ATTACHMENT, CONCRETE PULVERIZER, CRACKING JAWS, 49" JAW OPENING (ADD 80,000 LB HYDRAULIC EXCAVATOR)		D-Off	D-Off	127				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$29.04	\$0.93	\$29.97	\$0.00	\$0.75	\$0.00	\$0.00	\$42.15	\$42.90	\$72.87
Standby	\$14.52	\$0.93							\$15.45	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
H25LU042	UP 90	HYDRAULIC EXCAVATOR, ATTACHMENT, CONCRETE PULVERIZER, CRACKING JAWS, 62" JAW OPENING (ADD 75,000 LB HYDRAULIC EXCAVATOR)		D-Off	D-Off	171				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$33.81	\$1.08	\$34.89	\$0.00	\$1.50	\$0.00	\$0.00	\$49.08	\$50.58	\$85.47
Standby	\$16.91	\$1.08							\$17.99	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.23 EXCAVATOR ATTACHMENTS, CONCRET

LABOUNTY MANUFACTURING,

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
H25LU046	CP 40 C	HYDRAULIC EXCAVATOR, ATTACHMENT, CONCRETE PULVERIZER, 30" JAW OPENING (ADD 40,000 LB HYDRAULIC EXCAVATOR)						D-Off	D-Off	29	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$5.20	\$0.17	\$5.37	\$0.00	\$0.50	\$0.00	\$0.00	\$7.55	\$8.05	\$13.42	
Standby	\$2.60	\$0.17							\$2.77		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
H25LU047	CP 60 S	HYDRAULIC EXCAVATOR, ATTACHMENT, CONCRETE PULVERIZER, 36" JAW OPENING (ADD 60,000 LB HYDRAULIC EXCAVATOR)						D-Off	D-Off	30	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$6.13	\$0.20	\$6.33	\$0.00	\$0.60	\$0.00	\$0.00	\$8.90	\$9.50	\$15.83	
Standby	\$3.07	\$0.20							\$3.27		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.23 EXCAVATOR ATTACHMENTS, CONCRET

LABOUNTY MANUFACTURING,

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
H25LU048	CP 80 S	HYDRAULIC EXCAVATOR, ATTACHMENT, CONCRETE PULVERIZER, 42" JAW OPENING (ADD 75,000 LB HYDRAULIC EXCAVATOR)						D-Off	D-Off	45	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$6.61	\$0.21	\$6.82	\$0.00	\$0.70	\$0.00	\$0.00	\$9.59	\$10.29	\$17.11	
Standby	\$3.31	\$0.21							\$3.52		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
H25LU049	CP 100 S	HYDRAULIC EXCAVATOR, ATTACHMENT, CONCRETE PULVERIZER, 48" JAW OPENING (ADD 100,000 LB HYDRAULIC EXCAVATOR)						D-Off	D-Off	62	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$7.99	\$0.26	\$8.25	\$0.00	\$0.80	\$0.00	\$0.00	\$11.60	\$12.40	\$20.65	
Standby	\$4.00	\$0.26							\$4.26		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.23 EXCAVATOR ATTACHMENTS, CONCRET

LABOUNTY MANUFACTURING,

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT
H25LU050	CP 120 S	HYDRAULIC EXCAVATOR, ATTACHMENT, CONCRETE PULVERIZER, 54" JAW OPENING (ADD 140,000 LB HYDRAULIC EXCAVATOR)					D-Off		D-Off		99
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$12.11	\$0.39	\$12.50	\$0.00	\$0.90	\$0.00	\$0.00	\$17.57	\$18.47	\$30.97	
Standby	\$6.06	\$0.39							\$6.45		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT
H25LU053	UP 45 SV	HYDRAULIC EXCAVATOR, ATTACHMENT, CONCRETE PULVERIZER, 36" JAW OPENING (ADD 55,000 LB HYDRAULIC EXCAVATOR)					D-Off		D-Off		105
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$23.59	\$0.75	\$24.34	\$0.00	\$0.75	\$0.00	\$0.00	\$34.24	\$34.99	\$59.33	
Standby	\$11.80	\$0.75							\$12.55		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.23 EXCAVATOR ATTACHMENTS, CONCRET

LABOUNTY MANUFACTURING,

			Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT
H25LU054	UP 75 SV	HYDRAULIC EXCAVATOR, ATTACHMENT, CONCRETE PULVERIZER, 40" JAW OPENING (ADD 80,000 LB HYDRAULIC EXCAVATOR)		D-Off	D-Off	126

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$29.03	\$0.93	\$29.96	\$0.00	\$0.75	\$0.00	\$0.00	\$42.15	\$42.90	\$72.86
Standby	\$14.52	\$0.93							\$15.45	

H25 0.24 EXCAVATOR ATTACHMENTS, COMPACT

ALLIED CONSTRUCTION PRODUCTS

			Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT
H25AU007	HO-PAC 1000B	HYDRAULIC EXCAVATOR, ATTACHMENT, COMPACTOR, 24" X 32" PLATE, 8,000 LBS FORCE (ADD 9,000-30,000 LB HYDRAULIC EXCAVATOR)		D-Off	D-Off	11

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.03	\$0.03	\$1.06	\$0.00	\$0.00	\$0.00	\$0.00	\$1.49	\$1.49	\$2.55
Standby	\$0.52	\$0.03							\$0.55	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.24 EXCAVATOR ATTACHMENTS, COMPACT

ALLIED CONSTRUCTION PRODUCTS

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT
H25AU008	HO-PAC 1600	HYDRAULIC EXCAVATOR, ATTACHMENT, COMPACTOR, 29" X 32" PLATE, 18,000 LBS FORCE (ADD 19,000-45,000 LB HYDRAULIC EXCAVATOR)						D-Off		D-Off	16
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$1.47	\$0.05	\$1.52	\$0.00	\$0.00	\$0.00	\$0.00	\$2.13	\$2.13	\$3.65	
Standby	\$0.74	\$0.05							\$0.79		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
H25AU009	HO-PAC 2300	HYDRAULIC EXCAVATOR, ATTACHMENT, COMPACTOR, 34" X 36" PLATE, 24,000 LBS FORCE (ADD 35,000-120,000 LB HYDRAULIC EXCAVATOR)						D-Off	D-Off	22	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$2.05	\$0.07	\$2.12	\$0.00	\$0.00	\$0.00	\$0.00	\$2.98	\$2.98	\$5.10	
Standby	\$1.03	\$0.07							\$1.10		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.24 EXCAVATOR ATTACHMENTS, COMPACT

ALLIED CONSTRUCTION PRODUCTS

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT
H25AU010	HO-PAC 4000	HYDRAULIC EXCAVATOR, ATTACHMENT, COMPACTOR, 50" X 42" PLATE, 40,000 LBS FORCE (ADD 70,000-120,000 LB HYDRAULIC EXCAVATOR)						D-Off		D-Off	40
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$3.53	\$0.11	\$3.64	\$0.00	\$0.00	\$0.00	\$0.00	\$5.12	\$5.12	\$8.76	
Standby	\$1.77	\$0.11							\$1.88		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
H25AU011	HO-PAC 700B	HYDRAULIC EXCAVATOR, ATTACHMENT, COMPACTOR, 18" X 27" PLATE, 6,400 LBS FORCE (ADD 7,000-15,000 LB HYDRAULIC EXCAVATOR)						D-Off	D-Off	6	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$0.86	\$0.03	\$0.89	\$0.00	\$0.00	\$0.00	\$0.00	\$1.25	\$1.25	\$2.14	
Standby	\$0.43	\$0.03							\$0.46		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.24 EXCAVATOR ATTACHMENTS, COMPACT

AMERICAN COMPACTION EQUIPMENT, INC.

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
H25AX001	DC-24BL	HYDRAULIC EXCAVATOR, ATTACHMENT, COMPACTOR, 23" WIDE, SHEEPS FOOT, 3 RIMS - 38" DIA (ADD 25,000-50,000 LB HYDRAULIC EXCAVATOR)						D-Off	D-Off	25	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$1.40	\$0.04	\$1.44	\$0.00	\$0.00	\$0.00	\$0.00	\$2.03	\$2.03	\$3.47	
Standby	\$0.70	\$0.04							\$0.74		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
H25AX002	DC-36BL	HYDRAULIC EXCAVATOR, ATTACHMENT, COMPACTOR, 35" WIDE, SHEEPS FOOT, 4 RIMS - 38" DIA (ADD 50,000-75,000 LB HYDRAULIC EXCAVATOR)						D-Off	D-Off	33	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$1.59	\$0.05	\$1.64	\$0.00	\$0.00	\$0.00	\$0.00	\$2.31	\$2.31	\$3.95	
Standby	\$0.80	\$0.05							\$0.85		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.24 EXCAVATOR ATTACHMENTS, COMPACT

AMERICAN COMPACTION EQUIPMENT, INC.

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
H25AX003	DC-24EX	HYDRAULIC EXCAVATOR, ATTACHMENT, COMPACTOR, 23" WIDE, SHEEPS FOOT, 3 RIMS - 42" DIA (ADD 50,000-75,000 LB HYDRAULIC EXCAVATOR)						D-Off	D-Off	33	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$1.74	\$0.06	\$1.80	\$0.00	\$0.00	\$0.00	\$0.00	\$2.52	\$2.52	\$4.32	
Standby	\$0.87	\$0.06							\$0.93		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
H25AX004	DC-36EX	HYDRAULIC EXCAVATOR, ATTACHMENT, COMPACTOR, 35" WIDE, SHEEPS FOOT, 4 RIMS - 42" DIA (ADD 50,000-75,000 LB HYDRAULIC EXCAVATOR)						D-Off	D-Off	43	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$2.04	\$0.07	\$2.11	\$0.00	\$0.00	\$0.00	\$0.00	\$2.96	\$2.96	\$5.07	
Standby	\$1.02	\$0.07							\$1.09		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.24 EXCAVATOR ATTACHMENTS, COMPACT

AMERICAN COMPACTION EQUIPMENT, INC.

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
H25AX005	DC-24EXL	HYDRAULIC EXCAVATOR, ATTACHMENT, COMPACTOR, 23" WIDE, SHEEPS FOOT, 3 RIMS - 48" DIA (ADD 75,000-110,000 LB HYDRAULIC EXCAVATOR)						D-Off	D-Off	39	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$2.17	\$0.07	\$2.24	\$0.00	\$0.00	\$0.00	\$0.00	\$3.15	\$3.15	\$5.39	
Standby	\$1.09	\$0.07							\$1.16		
							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
H25AX006	DC-36EXL	HYDRAULIC EXCAVATOR, ATTACHMENT, COMPACTOR, 36" WIDE, SHEEPS FOOT, 4 RIMS - 48" DIA (ADD 75,000-110,000 LB HYDRAULIC EXCAVATOR)						D-Off	D-Off	53	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$2.62	\$0.08	\$2.70	\$0.00	\$0.00	\$0.00	\$0.00	\$3.80	\$3.80	\$6.50	
Standby	\$1.31	\$0.08							\$1.39		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.24 EXCAVATOR ATTACHMENTS, COMPACT

FURUKAWA CO.,LTD.

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
H25FU004	HP35ME	HYDRAULIC EXCAVATOR, ATTACHMENT, COMPACTOR, 12" X 36" PLATE, 3000 LB FORCE (ADD 14,000-25,000 LB HYDRAULIC EXCAVATOR)						D-Off	D-Off	4	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$0.75	\$0.02	\$0.77	\$0.00	\$0.15	\$0.00	\$0.00	\$1.08	\$1.23	\$2.00	
Standby	\$0.38	\$0.02							\$0.40		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
H25FU005	HP135II	HYDRAULIC EXCAVATOR, ATTACHMENT, COMPACTOR, 28" X 40" PLATE, 13,500 LB FORCE (ADD 25,000-50,000 LB HYDRAULIC EXCAVATOR)						D-Off	D-Off	14	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$1.49	\$0.05	\$1.54	\$0.00	\$0.15	\$0.00	\$0.00	\$2.16	\$2.31	\$3.85	
Standby	\$0.75	\$0.05							\$0.80		

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.24 EXCAVATOR ATTACHMENTS, COMPACT

FURUKAWA CO.,LTD.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
H25FU006	HP210II	HYDRAULIC EXCAVATOR, ATTACHMENT, COMPACTOR, 34" X 46" PLATE, 21,000 LB FORCE (ADD 40,000-75,000 LB HYDRAULIC EXCAVATOR)		D-Off	D-Off	22				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.12	\$0.07	\$2.19	\$0.00	\$0.15	\$0.00	\$0.00	\$3.07	\$3.22	\$5.41
Standby	\$1.06	\$0.07							\$1.13	

ROCKLAND MANUFACTURING COMPANY

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
H25RZ002	WI24-3	HYDRAULIC EXCAVATOR, ATTACHMENT, COMPACTOR, 24" WIDE, SHEEPSFOOT, 3 RIMS (ADD 15-22.5 TON HYDRAULIC EXCAVATOR)		D-Off	D-Off	21				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.09	\$0.03	\$1.12	\$0.00	\$0.00	\$0.00	\$0.00	\$1.58	\$1.58	\$2.70
Standby	\$0.55	\$0.03							\$0.58	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.24 EXCAVATOR ATTACHMENTS, COMPACT

ROCKLAND MANUFACTURING COMPANY

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
H25RZ003	WI36-4	HYDRAULIC EXCAVATOR, ATTACHMENT, COMPACTOR, 36" WIDE, SHEEPSFOOT, 4 RIMS (ADD 15-22.5 TON HYDRAULIC EXCAVATOR)						D-Off	D-Off	25	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$1.29	\$0.04	\$1.33	\$0.00	\$0.00	\$0.00	\$0.00	\$1.87	\$1.87	\$3.20	
Standby	\$0.65	\$0.04							\$0.69		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
H25RZ004	WE24-3	HYDRAULIC EXCAVATOR, ATTACHMENT, COMPACTOR, 24" WIDE, SHEEPSFOOT, 3 RIMS (ADD 22.5-30 TON HYDRAULIC EXCAVATOR)						D-Off	D-Off	29	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$1.35	\$0.04	\$1.39	\$0.00	\$0.00	\$0.00	\$0.00	\$1.96	\$1.96	\$3.35	
Standby	\$0.68	\$0.04							\$0.72		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.24 EXCAVATOR ATTACHMENTS, COMPACT

ROCKLAND MANUFACTURING COMPANY

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier	CWT			
H25RZ005	WE36-4	HYDRAULIC EXCAVATOR, ATTACHMENT, COMPACTOR, 36" WIDE, SHEEPSFOOT, 4 RIMS (ADD 22.5-30 TON HYDRAULIC EXCAVATOR)		D-Off		D-Off	36			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.66	\$0.05	\$1.71	\$0.00	\$0.00	\$0.00	\$0.00	\$2.41	\$2.41	\$4.12
Standby	\$0.83	\$0.05							\$0.88	

H30 HYDRAULIC EXCAVATORS, WHEEL MOUNTED

H30 0.01 0 THRU 1.0 CY

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier	CWT			
H30CA001	M314F	HYDRAULIC EXCAVATORS, WHEEL, 0.69 CY BUCKET, TELESCOPIC BOOM, 19' DIGGING DEPTH, AWD		D-Off	148	HP	D-Off	322		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$24.48	\$1.23	\$25.71	\$10.64	\$1.73	\$0.54	\$0.09	\$19.79	\$32.79	\$58.50
Severe	\$30.13	\$1.25	\$31.38	\$13.58	\$2.20	\$1.82	\$0.31	\$26.80	\$44.71	\$76.09
Standby	\$12.24	\$1.23							\$13.47	

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

H30 HYDRAULIC EXCAVATORS, WHEEL MOUNTED

H30 0.01 0 THRU 1.0 CY

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H30CA007	M315F	HYDRAULIC EXCAVATORS, WHEEL, 35,000 LBS, 0.70 CY BUCKET, 1-PIECE BOOM, 18' 3" DIGGING DEPTH, 4X4		D-Off	159	HP	D-Off	348		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$26.08	\$1.31	\$27.39	\$11.44	\$1.85	\$0.54	\$0.09	\$21.08	\$35.01	\$62.40
Severe	\$32.09	\$1.33	\$33.42	\$14.59	\$2.37	\$1.82	\$0.31	\$28.54	\$47.63	\$81.05
Standby	\$13.04	\$1.31							\$14.35	

GRADALL COMPANY

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H30GA009	XL 4100 IV	GRADALL, HYDRAULIC EXCAVATORS, WHEEL, 1 CY BUCKET, TELESCOPIC BOOM, 19' 11" MAX DIGGING DEPTH, 6X6		D-On	262	HP	D-Off	509		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$39.31	\$1.99	\$41.30	\$22.72	\$3.68	\$1.46	\$0.25	\$31.85	\$59.97	\$101.27
Severe	\$48.38	\$2.03	\$50.41	\$28.99	\$4.70	\$4.79	\$0.83	\$43.13	\$82.43	\$132.84
Standby	\$19.66	\$1.99							\$21.65	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H30 HYDRAULIC EXCAVATORS, WHEEL MOUNTED

H30 0.01 0 THRU 1.0 CY

GRADALL COMPANY

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
H30GA010	XL 3100 IV	GRADALL, HYDRAULIC EXCAVATORS, WHEEL, 1 CY BUCKET, TELESCOPIC BOOM, 18' 11" MAX DIGGING DEPTH, 4X4		D-On	235	HP	D-Off		417	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$33.56	\$1.69	\$35.25	\$20.38	\$3.30	\$0.90	\$0.16	\$27.17	\$51.92	\$87.17
Severe	\$41.31	\$1.73	\$43.04	\$26.00	\$4.22	\$2.89	\$0.50	\$36.79	\$70.39	\$113.43
Standby	\$16.78	\$1.69							\$18.47	

H30 0.02 OVER 1.0 CY

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
H30CA002	M316F	HYDRAULIC EXCAVATORS, WHEEL, 1.43 CY BUCKET, TELESCOPIC BOOM, 20' DIGGING DEPTH, AWD		D-Off	148	HP	D-Off		340	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$21.83	\$1.35	\$23.18	\$10.64	\$1.73	\$1.08	\$0.19	\$21.22	\$34.85	\$58.03
Severe	\$27.28	\$1.38	\$28.66	\$13.58	\$2.20	\$3.64	\$0.63	\$28.74	\$48.79	\$77.45
Standby	\$10.92	\$1.35							\$12.27	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H30 HYDRAULIC EXCAVATORS, WHEEL MOUNTED

H30 0.02 OVER 1.0 CY

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT	
H30CA003	M318F	HYDRAULIC EXCAVATORS, WHEEL, 37,000 LBS, 1.43 CY BUCKET, 1-PIECE BOOM, 19.5' DIGGING DEPTH, 4X4		D-Off	169	HP	D-Off	368	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$22.54	\$1.40	\$23.94	\$12.15	\$1.97	\$1.08	\$0.19	\$21.92	\$37.30	\$61.24
Severe	\$28.18	\$1.42	\$29.60	\$15.51	\$2.51	\$3.64	\$0.63	\$29.68	\$51.97	\$81.57
Standby	\$11.27	\$1.40							\$12.67	

			Value TEV	Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT	
H30CA004	M320F	HYDRAULIC EXCAVATORS, WHEEL, 1.54 CY BUCKET. TELESCOPIC BOOM, 20' 9" DIGGING DEPTH, AWD		D-Off	174	HP	D-Off	408	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$23.94	\$1.48	\$25.42	\$12.51	\$2.03	\$1.08	\$0.19	\$23.27	\$39.08	\$64.50
Severe	\$29.93	\$1.51	\$31.44	\$15.97	\$2.59	\$3.64	\$0.63	\$31.51	\$54.34	\$85.78
Standby	\$11.97	\$1.48							\$13.45	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H30 HYDRAULIC EXCAVATORS, WHEEL MOUNTED

H30 0.02 OVER 1.0 CY

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT	
H30CA006	M322F	HYDRAULIC EXCAVATORS, WHEEL, 1.87 CY BUCKET. TELESCOPIC BOOM, 21' 10" DIGGING DEPTH, AWD		D-Off	173	HP	D-Off	459	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$27.65	\$1.71	\$29.36	\$12.44	\$2.02	\$1.22	\$0.21	\$26.88	\$42.76	\$72.12
Severe	\$34.57	\$1.74	\$36.31	\$15.87	\$2.57	\$4.11	\$0.71	\$36.39	\$59.66	\$95.97
Standby	\$13.83	\$1.71							\$15.54	

GRADALL COMPANY

			Value TEV	Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT	
H30GA011	XL 5100 IV	GRADALL, HYDRAULIC EXCAVATORS, WHEEL, 1.50 CY BUCKET, TELESCOPIC BOOM, 24' 1" DIGGING DEPTH, 6X6		D-On	282	HP	D-Off	584	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$35.41	\$2.19	\$37.60	\$24.45	\$3.96	\$1.50	\$0.26	\$34.42	\$64.59	\$102.19
Severe	\$44.26	\$2.23	\$46.49	\$31.20	\$5.06	\$4.89	\$0.84	\$46.61	\$88.60	\$135.09
Standby	\$17.71	\$2.19							\$19.90	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H35 HYDRAULIC SHOVELS, CRAWLER MOUNTED

H35 0.12 DIESEL, OVER 5.0 CY

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H35CA004	6030	HYDRAULIC SHOVEL, CRAWLER, 21.60 CY BUCKET, FRONT SHOVEL, 8' 2" DIGGING DEPTH		D-Off	1530	HP	D-Off	6477		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$195.39	\$16.75	\$212.14	\$117.63	\$6.90	\$0.00	\$0.00	\$354.58	\$479.11	\$691.25
Severe	\$223.31	\$16.87	\$240.18	\$155.57	\$9.12	\$0.00	\$0.00	\$439.00	\$603.70	\$843.88
Standby	\$97.70	\$16.75							\$114.45	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H35CA005	6050	HYDRAULIC SHOVEL, CRAWLER, 36.60 CY BUCKET, BACKHOE, 30' 6" DIGGING DEPTH		D-Off	2520	HP	D-Off	1183 9		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$379.99	\$32.57	\$412.56	\$193.74	\$11.36	\$0.00	\$0.00	\$689.56	\$894.67	\$1,307.23
Severe	\$434.27	\$32.81	\$467.08	\$256.23	\$15.03	\$0.00	\$0.00	\$853.74	\$1,125.00	\$1,592.08
Standby	\$190.00	\$32.57							\$222.57	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H35 HYDRAULIC SHOVELS, CRAWLER MOUNTED

H35 0.12 DIESEL, OVER 5.0 CY

HITACHI CONSTRUCTION MACHINERY

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H35HI006	EX1200-7	HYDRAULIC SHOVEL, CRAWLER, 8.5 CY BUCKET, FRONT SHOVEL, 17' 3" DIGGING DEPTH		D-Off	760	HP	D-Off	2602		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$86.70	\$7.43	\$94.13	\$58.43	\$3.43	\$0.00	\$0.00	\$157.33	\$219.18	\$313.31
Severe	\$99.08	\$7.49	\$106.57	\$77.28	\$4.53	\$0.00	\$0.00	\$194.79	\$276.60	\$383.17
Standby	\$43.35	\$7.43							\$50.78	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
H35HI007	EX1900-6	HYDRAULIC SHOVEL, CRAWLER, 15.7 CY BUCKET, FRONT SHOVEL, 35' 3" MAX DIGGING DEPTH		D-Off	1086	HP	D-Off	4233		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$123.60	\$10.59	\$134.19	\$83.49	\$4.90	\$0.00	\$0.00	\$224.30	\$312.68	\$446.87
Severe	\$141.26	\$10.67	\$151.93	\$110.42	\$6.48	\$0.00	\$0.00	\$277.70	\$394.60	\$546.53
Standby	\$61.80	\$10.59							\$72.39	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L10 LAND CLEARING EQUIPMENT

L10 0.00 LAND CLEARING EQUIPMENT

BUSH HOG

			Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT
L10BU005	SM-60	LAND CLEARING EQUIPMENT, ROTARY CUTTER, 5' WIDE-SIDE MTD (ADD FARM 50 HP TRACTOR)		D-Off	D-Off	22

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.99	\$0.05	\$1.04	\$0.00	\$1.10	\$0.00	\$0.00	\$1.40	\$2.50	\$3.54
Severe	\$1.42	\$0.06	\$1.48	\$0.00	\$1.10	\$0.00	\$0.00	\$2.22	\$3.32	\$4.80
Standby	\$0.50	\$0.05							\$0.55	

			Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT
L10BU010	BH27D-2R	LAND CLEARING EQUIPMENT, ROTARY CUTTER, 7' WIDE, 1.5" - 10.5" CUT HEIGHT (ADD FARM 55 HP TRACTOR)		D-Off	D-Off	16

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.53	\$0.03	\$0.56	\$0.00	\$0.80	\$0.00	\$0.00	\$0.75	\$1.55	\$2.11
Severe	\$0.76	\$0.03	\$0.79	\$0.00	\$0.80	\$0.00	\$0.00	\$1.19	\$1.99	\$2.78
Standby	\$0.27	\$0.03							\$0.30	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L10 LAND CLEARING EQUIPMENT

L10 0.00 LAND CLEARING EQUIPMENT

BUSH HOG

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT
L10BU011	3510	LAND CLEARING EQUIPMENT, ROTARY CUTTER, 10.5' WIDE, 2 - 13" CUT HEIGHT (ADD FARM 70 HP TRACTOR)					D-Off		D-Off		28
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$0.91	\$0.05	\$0.96	\$0.00	\$1.50	\$0.00	\$0.00	\$1.28	\$2.78	\$3.74	
Severe	\$1.30	\$0.05	\$1.35	\$0.00	\$1.50	\$0.00	\$0.00	\$2.03	\$3.53	\$4.88	
Standby	\$0.46	\$0.05							\$0.51		

							Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT
L10BU014	2815	LAND CLEARING EQUIPMENT, ROTARY CUTTER, 15' CUTTING WIDTH, 2" - 14" CUTTING HEIGHT (ADD FARM 60 HP TRACTOR)						D-Off	D-Off	45
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.09	\$0.12	\$2.21	\$0.00	\$2.00	\$0.00	\$0.00	\$2.95	\$4.95	\$7.16
Severe	\$2.98	\$0.12	\$3.10	\$0.00	\$2.00	\$0.00	\$0.00	\$4.68	\$6.68	\$9.78
Standby	\$1.05	\$0.12							\$1.17	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L10 LAND CLEARING EQUIPMENT

L10 0.00 LAND CLEARING EQUIPMENT

BUSH HOG

			Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT
L10BU015	2820	LAND CLEARING EQUIPMENT, ROTARY CUTTER, 20' CUTTING WIDTH, 2" - 14" CUTTING HEIGHT (ADD FARM 90 HP TRACTOR)		D-Off	D-Off	59

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.41	\$0.13	\$2.54	\$0.00	\$2.50	\$0.00	\$0.00	\$3.40	\$5.90	\$8.44
Severe	\$3.45	\$0.14	\$3.59	\$0.00	\$2.50	\$0.00	\$0.00	\$5.40	\$7.90	\$11.49
Standby	\$1.21	\$0.13							\$1.34	

DYMAX

			Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT
L10DX001	136IN-TD-10	LAND CLEARING EQUIPMENT, ROCK & ROOT RAKE, 136" WIDE (ADD 250 HP DOZER)		D-Off	D-Off	53

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.31	\$0.13	\$2.44	\$0.00	\$0.00	\$0.00	\$0.00	\$3.26	\$3.26	\$5.70
Severe	\$3.30	\$0.13	\$3.43	\$0.00	\$0.00	\$0.00	\$0.00	\$5.17	\$5.17	\$8.60
Standby	\$1.16	\$0.13							\$1.29	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L10 LAND CLEARING EQUIPMENT

L10 0.00 LAND CLEARING EQUIPMENT

DYMAX

				Value TEV		Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description		12/1/2017		Main	Carrier		CWT	
L10DX002	156IN-TD-20	LAND CLEARING EQUIPMENT, ROCK & ROOT RAKE, 156" WIDE (ADD 300 HP DOZER)			D-Off		D-Off		64	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.56	\$0.14	\$2.70	\$0.00	\$0.00	\$0.00	\$0.00	\$3.61	\$3.61	\$6.31
Severe	\$3.65	\$0.15	\$3.80	\$0.00	\$0.00	\$0.00	\$0.00	\$5.73	\$5.73	\$9.53
Standby	\$1.28	\$0.14							\$1.42	

				Value TEV		Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description		12/1/2017		Main	Carrier		CWT	
L10DX003	158IN-TD-30	LAND CLEARING EQUIPMENT, ROCK & ROOT RAKE, 158" WIDE (ADD 400 HP DOZER)			D-Off		D-Off		84	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.63	\$0.20	\$3.83	\$0.00	\$0.00	\$0.00	\$0.00	\$5.12	\$5.12	\$8.95
Severe	\$5.19	\$0.21	\$5.40	\$0.00	\$0.00	\$0.00	\$0.00	\$8.13	\$8.13	\$13.53
Standby	\$1.82	\$0.20							\$2.02	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L10 LAND CLEARING EQUIPMENT

L10 0.00 LAND CLEARING EQUIPMENT

DYMAX

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
L10DX004	55INX88IN-WL-60	LAND CLEARING EQUIPMENT, LOGGING FORK, 55" TINE LENGTH (ADD 150+ HP WHEEL LOADER)		D-Off	D-Off	36				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.82	\$0.10	\$1.92	\$0.00	\$0.00	\$0.00	\$0.00	\$2.56	\$2.56	\$4.48
Severe	\$2.59	\$0.10	\$2.69	\$0.00	\$0.00	\$0.00	\$0.00	\$4.07	\$4.07	\$6.76
Standby	\$0.91	\$0.10							\$1.01	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
L10DX005	180IN-TD-40	LAND CLEARING EQUIPMENT, ROCK & ROOT RAKE, 180" WIDE (ADD 500 HP DOZER)		D-Off	D-Off	134				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.07	\$0.28	\$5.35	\$0.00	\$0.00	\$0.00	\$0.00	\$7.16	\$7.16	\$12.51
Severe	\$7.25	\$0.29	\$7.54	\$0.00	\$0.00	\$0.00	\$0.00	\$11.37	\$11.37	\$18.91
Standby	\$2.54	\$0.28							\$2.82	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L10 LAND CLEARING EQUIPMENT

L10 0.00 LAND CLEARING EQUIPMENT

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT
L10XX001	40" SPADE	TREE SPADE, 40" DIA, ACCOMODATES 4" DIA EVERGREENS AND 3" DIA HARDWOODS, 30" DEPTH (ATTACHMENT FOR SKID STEER LOADER)		D-Off	D-Off	19

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.32	\$0.07	\$1.39	\$0.00	\$0.00	\$0.00	\$0.00	\$1.86	\$1.86	\$3.25
Severe	\$1.88	\$0.08	\$1.96	\$0.00	\$0.00	\$0.00	\$0.00	\$2.95	\$2.95	\$4.91
Standby	\$0.66	\$0.07							\$0.73	

ROME PLOW CO.

			Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT
L10RM001	RV BLADE	LAND CLEARING EQUIPMENT, V-TREE CUTTER (ADD 150 - 250 HP TRACTOR DOZER)		D-Off	D-Off	109

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.03	\$0.17	\$3.20	\$0.00	\$0.00	\$0.00	\$0.00	\$4.28	\$4.28	\$7.48
Severe	\$4.33	\$0.17	\$4.50	\$0.00	\$0.00	\$0.00	\$0.00	\$6.79	\$6.79	\$11.29
Standby	\$1.52	\$0.17							\$1.69	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L10 LAND CLEARING EQUIPMENT

L10 0.00 LAND CLEARING EQUIPMENT

ROME PLOW CO.

			Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT
L10RM002	MA RAKE	LAND CLEARING EQUIPMENT, MULTI-APPLICATION RAKE, 12' WIDE, 9 TEETH (ADD 275 - 325 HP TRACTOR DOZER)		D-Off	D-Off	51

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.70	\$0.09	\$1.79	\$0.00	\$0.00	\$0.00	\$0.00	\$2.40	\$2.40	\$4.19
Severe	\$2.43	\$0.10	\$2.53	\$0.00	\$0.00	\$0.00	\$0.00	\$3.81	\$3.81	\$6.34
Standby	\$0.85	\$0.09							\$0.94	

TORO

			Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT
L10TO001	STX-26	LAND CLEARING EQUIPMENT, STUMP GRINDER, HYDRAULIC, 19" DIA ARTICULATED BLADE, SELF-PROPELLED, CRAWLER, 33" ABOVE GRADE TO 12.5" BELOW GRADE CUTTING RANGE		Gas26HP	D-Off	12

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.44	\$0.08	\$1.52	\$3.14	\$0.46	\$0.00	\$0.00	\$2.03	\$5.63	\$7.15
Severe	\$2.05	\$0.08	\$2.13	\$4.08	\$0.60	\$0.00	\$0.00	\$3.22	\$7.89	\$10.02
Standby	\$0.72	\$0.08							\$0.80	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L10 LAND CLEARING EQUIPMENT

L10 0.00 LAND CLEARING EQUIPMENT

VERMEER MANUFACTURING CO.

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
L10VE002	SC 40TX	LAND CLEARING EQUIPMENT, STUMPER, 18" DIA WHEEL, TRAILER MTD			Gas	35	HP	D-Off	22	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.59	\$0.20	\$3.79	\$4.23	\$0.62	\$0.00	\$0.00	\$5.06	\$9.91	\$13.70
Severe	\$5.12	\$0.21	\$5.33	\$5.49	\$0.80	\$0.00	\$0.00	\$8.03	\$14.33	\$19.66
Standby	\$1.80	\$0.20							\$2.00	

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
L10VE009	SC 802	LAND CLEARING EQUIPMENT, STUMPER, 28" DIA WHEEL, TRAILER MTD			D-Off	78	HP	D-Off	40	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.57	\$0.25	\$4.82	\$5.61	\$0.71	\$0.08	\$0.01	\$6.47	\$12.88	\$17.70
Severe	\$6.53	\$0.26	\$6.79	\$7.16	\$0.91	\$0.21	\$0.04	\$10.27	\$18.58	\$25.37
Standby	\$2.29	\$0.25							\$2.54	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L10 LAND CLEARING EQUIPMENT

L10 0.00 LAND CLEARING EQUIPMENT

VERMEER MANUFACTURING CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L10VE010	SC 292	LAND CLEARING EQUIPMENT, STUMPER, 16" DIA WHEEL, TRAILER MTD		Gas	27	HP	D-Off	11		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.37	\$0.08	\$1.45	\$3.27	\$0.48	\$0.04	\$0.01	\$1.94	\$5.74	\$7.19
Severe	\$1.96	\$0.08	\$2.04	\$4.23	\$0.62	\$0.11	\$0.02	\$3.08	\$8.05	\$10.09
Standby	\$0.69	\$0.08							\$0.77	

L15 LANDSCAPING EQUIPMENT

L15 0.00 LANDSCAPING EQUIPMENT

BOWIE INDUSTRIES, INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L15BW002	VICTOR 800	LANDSCAPING EQUIPMENT, 800 GAL, HYDROMULCHER, TRAILER MTD		Gas	35	HP	D-Off	48		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.89	\$0.21	\$9.10	\$5.64	\$0.66	\$0.19	\$0.03	\$9.07	\$15.60	\$24.70
Standby	\$4.45	\$0.21							\$4.66	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L15 LANDSCAPING EQUIPMENT

L15 0.00 LANDSCAPING EQUIPMENT

BOWIE INDUSTRIES, INC.

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
L15BW003	VICTOR 1100	LANDSCAPING EQUIPMENT, 1,100 GAL, HYDROMULCHER, GOOSENECK TRAILER MTD			Gas	50	HP	D-Off	60	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.80	\$0.23	\$10.03	\$8.06	\$0.95	\$0.19	\$0.03	\$10.00	\$19.23	\$29.26
Standby	\$4.90	\$0.23							\$5.13	

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
L15BW004	IMPERIAL 3000	LANDSCAPING EQUIPMENT, 3,000 GAL, HYDROMULCHER, TRUCK MTD (ADD 55,000 GVW TRUCK)			D-Off	90	HP	D-Off	88	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$15.20	\$0.35	\$15.55	\$8.48	\$0.99	\$0.00	\$0.00	\$15.45	\$24.92	\$40.47
Standby	\$7.60	\$0.35							\$7.95	

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
L15BW005	LANCER 600	LANDSCAPING EQUIPMENT, 600 GAL, HYDROMULCHER, TRAILER MTD			Gas	25	HP	D-Off	29	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.15	\$0.12	\$5.27	\$4.03	\$0.47	\$0.18	\$0.03	\$5.27	\$9.98	\$15.25
Standby	\$2.58	\$0.12							\$2.70	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L15 LANDSCAPING EQUIPMENT

L15 0.00 LANDSCAPING EQUIPMENT

FINN CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L15FG001	T330	LANDSCAPING EQUIPMENT, 3,000 GAL, HYDROSEEDER, TRUCK MTD (ADD 56,000 GVW TRUCK)		D-On	125	HP	D-On	96		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$19.42	\$0.44	\$19.86	\$14.20	\$1.67	\$0.00	\$0.00	\$19.74	\$35.60	\$55.46
Standby	\$9.71	\$0.44							\$10.15	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L15FG002	B260T	LANDSCAPING EQUIPMENT, MULCHER, STRAW BLOWER, 20 TONS PER HOUR, TRAILER MOUNTED		D-On	115	HP	D-Off	48		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$12.00	\$0.27	\$12.27	\$13.07	\$1.53	\$0.05	\$0.01	\$12.20	\$26.86	\$39.13
Standby	\$6.00	\$0.27							\$6.27	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L15 LANDSCAPING EQUIPMENT

L15 0.00 LANDSCAPING EQUIPMENT

HUSQVARNA FOREST & GARDEN CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L15HV001	DRT900	LANDSCAPING EQUIPMENT, ROTOTILLER, 17" WIDTH BY 6.5" DEPTH		Gas	5	HP	D-Off	2		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.18	\$0.00	\$0.18	\$0.81	\$0.10	\$0.00	\$0.00	\$0.18	\$1.09	\$1.27
Standby	\$0.09	\$0.00							\$0.09	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L15HV003	CRT900	LANDSCAPING EQUIPMENT, ROTOTILLER, 14" WIDTH BY 6" DEPTH		Gas	7	HP	D-Off	2		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.14	\$0.00	\$0.14	\$1.13	\$0.13	\$0.00	\$0.00	\$0.14	\$1.40	\$1.54
Standby	\$0.07	\$0.00							\$0.07	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L15HV004	FT900	LANDSCAPING EQUIPMENT, ROTOTILLER, 26" WIDTH BY 6" DEPTH		Gas	7	HP	D-Off	1		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.10	\$0.00	\$0.10	\$1.13	\$0.13	\$0.00	\$0.00	\$0.10	\$1.37	\$1.47
Standby	\$0.05	\$0.00							\$0.05	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L15 LANDSCAPING EQUIPMENT

L15 0.00 LANDSCAPING EQUIPMENT

JOHN DEERE

			Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT
L15JD005	MX5	LANDSCAPING EQUIPMENT, ROTARY MOWER, 60" WIDE, MEDIUM DUTY, PTO DRIVE (ADD 45 - 100 HP AGRICULTURAL TRACTOR)		D-Off	D-Off	8

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.58	\$0.01	\$0.59	\$0.00	\$0.00	\$0.00	\$0.00	\$0.59	\$0.59	\$1.18
Standby	\$0.29	\$0.01							\$0.30	

STIHL

			Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT
L15S7001	BT131	POST HOLE DRILL, UP TO 8" DIA, 30" DEEP, ONE MAN OPERATION		Gas 1.9 HP	D-Off	1

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.19	\$0.00	\$0.19	\$0.31	\$0.04	\$0.00	\$0.00	\$0.19	\$0.54	\$0.73
Standby	\$0.10	\$0.00							\$0.10	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L15 LANDSCAPING EQUIPMENT

L15 0.00 LANDSCAPING EQUIPMENT

TORO

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
L15TO001	22298	LANDSCAPING EQUIPMENT, LAWNMOWER, 21" DECK, REAR BAGGER, WALK BEHIND MOWER			Gas	6	HP	D-Off	1	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.44	\$0.01	\$0.45	\$0.97	\$0.11	\$0.00	\$0.00	\$0.45	\$1.53	\$1.98
Standby	\$0.22	\$0.01							\$0.23	

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
L15TO002	30672	LANDSCAPING EQUIPMENT, LAWNMOWER, 32" DECK, SIDE DISCHARGE, WALK BEHIND MOWER			Gas	14.5	HP	D-Off	6	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.03	\$0.02	\$1.05	\$2.34	\$0.27	\$0.05	\$0.01	\$1.05	\$3.73	\$4.78
Standby	\$0.52	\$0.02							\$0.54	

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
L15TO003	74952	LANDSCAPING EQUIPMENT, LAWNMOWER, 48" DECK, SIDE DISCHARGE, RIDING MOWER			Gas	20.5	HP	D-Off	12	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.66	\$0.06	\$2.72	\$3.31	\$0.39	\$0.17	\$0.03	\$2.73	\$6.63	\$9.35
Standby	\$1.33	\$0.06							\$1.39	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L15 LANDSCAPING EQUIPMENT

L15 0.00 LANDSCAPING EQUIPMENT

TORO

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
L15TO004	74955	LANDSCAPING EQUIPMENT, LAWNMOWER, 52" DECK, TRACTOR, SIDE DISCHARGE, RIDING MOWER			Gas	25	HP	D-Off	13	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.78	\$0.07	\$2.85	\$4.03	\$0.47	\$0.17	\$0.03	\$2.85	\$7.56	\$10.41
Standby	\$1.39	\$0.07							\$1.46	

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
L15TO006	74472	LANDSCAPING EQUIPMENT, LAWNMOWER, 60" DECK, SIDE DISCHARGE, RIDING MOWER			Gas	23.5	HP	D-Off	15	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.45	\$0.06	\$2.51	\$3.79	\$0.44	\$0.26	\$0.04	\$2.53	\$7.06	\$9.57
Standby	\$1.23	\$0.06							\$1.29	

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
L15TO007	74918	LANDSCAPING EQUIPMENT, LAWNMOWER, 72" DECK, SIDE DISCHARGE, RIDING MOWER			Gas	26.5	HP	D-Off	17	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.50	\$0.09	\$3.59	\$4.27	\$0.50	\$0.26	\$0.04	\$3.60	\$8.67	\$12.26
Standby	\$1.75	\$0.09							\$1.84	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L15 LANDSCAPING EQUIPMENT

L15 0.00 LANDSCAPING EQUIPMENT

TORO

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L15TO009	POWER MAX 8260E	LANDSCAPING EQUIPMENT, SNOWBLOWER, 26" PATH, 40' THROW		Gas	8	HP	D-Off	2		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.26	\$0.01	\$0.27	\$1.29	\$0.15	\$0.00	\$0.00	\$0.26	\$1.70	\$1.97
Standby	\$0.13	\$0.01							\$0.14	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L15TO010	POWER MAX 10280HXE	LANDSCAPING EQUIPMENT, SNOWBLOWER, 28" PATH, 45' THROW		Gas	10	HP	D-Off	3		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.51	\$0.01	\$0.52	\$1.61	\$0.19	\$0.00	\$0.00	\$0.52	\$2.32	\$2.84
Standby	\$0.26	\$0.01							\$0.27	

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

L15 LANDSCAPING EQUIPMENT

L15 0.00 LANDSCAPING EQUIPMENT

WILLMAR EQUIPMENT COMPANY

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L15WI001	S-150	LANDSCAPING EQUIPMENT, SPREADER, 54CF DRY CHEMICAL (ADD 55 HP FARM TRACTOR)		D-Off		D-Off		15		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.84	\$0.04	\$1.88	\$0.00	\$0.05	\$0.09	\$0.02	\$1.89	\$2.05	\$3.93
Standby	\$0.92	\$0.04							\$0.96	

L20 LIGHTING SETS, TRAILER MOUNTED

L20 0.10 LIGHTING SETS, TRAILER MOUNTED

ALLMAND BROTHERS INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L20AB017	CSA 8KW	LITE SET, TRAILER MTD., 4/1250W, W/8 KW GEN, MANUAL MAST WINCH		D-Off	13.5	HP	D-Off	21		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.66	\$0.08	\$1.74	\$1.37	\$0.16	\$0.04	\$0.01	\$3.85	\$5.44	\$7.18
Standby	\$0.83	\$0.08							\$0.91	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L20 LIGHTING SETS, TRAILER MOUNTED

L20 0.10 LIGHTING SETS, TRAILER MOUNTED

ALLMAND BROTHERS INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L20AB018	MLIID ARCTIC 8KW	LITE SET, TRAILER MTD., 4/1250W, W/8 KW GEN, MANUAL MAST WINCH		D-Off	13.5	HP	D-Off	21		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.69	\$0.08	\$1.77	\$1.37	\$0.16	\$0.04	\$0.01	\$3.92	\$5.51	\$7.28
Standby	\$0.85	\$0.08							\$0.93	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L20AB019	MLIID ARCTIC 13KW	LITE SET, TRAILER MTD., 4/1250W, W/13 KW GEN, MANUAL MAST WINCH		D-Off	18.8	HP	D-Off	21		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.87	\$0.09	\$1.96	\$1.91	\$0.22	\$0.04	\$0.01	\$4.35	\$6.53	\$8.49
Standby	\$0.94	\$0.09							\$1.03	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L20 LIGHTING SETS, TRAILER MOUNTED

L20 0.10 LIGHTING SETS, TRAILER MOUNTED

ALLMAND BROTHERS INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L20AB021	NLPROIILD CSA	LITE SET, TRAILER MTD., 4/1250W, W/8 KW GEN, MANUAL MAST WINCH		D-Off	13.3	HP	D-Off	20		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.29	\$0.06	\$1.35	\$1.35	\$0.16	\$0.04	\$0.01	\$2.99	\$4.55	\$5.90
Standby	\$0.65	\$0.06							\$0.71	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L20AB023	ECLIPSE 2220/SE ALT	LITE SET, TRAILER MTD., 15 LED LAMP, FLASHING ARROW, W/TWO 8D BATTERIES AND 50W SOLAR ARRAY		D-Off		D-Off		12		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.55	\$0.03	\$0.58	\$0.00	\$0.00	\$0.04	\$0.01	\$1.29	\$1.34	\$1.92
Standby	\$0.28	\$0.03							\$0.31	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L20 LIGHTING SETS, TRAILER MOUNTED

L20 0.10 LIGHTING SETS, TRAILER MOUNTED

ALLMAND BROTHERS INC.

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
L20AB024	ECLIPSE 2220/SE APF	LITE SET, TRAILER MTD., 25 LED LAMP, FLASHING ARROW, W/TWO 8D BATTERIES AND 50W SOLAR ARRAY						D-Off	D-Off	12	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$0.59	\$0.03	\$0.62	\$0.00	\$0.00	\$0.04	\$0.01	\$1.38	\$1.43	\$2.05	
Standby	\$0.30	\$0.03							\$0.33		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT
L20AB025	NLPROIILD	LITE SET, TRAILER MTD., 4/1,250W, W/7.5 KW GEN, MANUAL MAST WINCH					D-Off	11.7	HP	D-Off	16
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$1.35	\$0.06	\$1.41	\$1.19	\$0.14	\$0.04	\$0.01	\$3.13	\$4.51	\$5.92	
Standby	\$0.68	\$0.06							\$0.74		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT
L20AB026	NIGHT-LITE PRO II V	LITE SET, TRAILER MTD., 4/1250W, W/7.5 KW GEN, MANUAL MAST WINCH					D-Off	11.7	HP	D-Off	18
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$1.60	\$0.07	\$1.67	\$1.19	\$0.14	\$0.04	\$0.01	\$3.72	\$5.10	\$6.77	
Standby	\$0.80	\$0.07							\$0.87		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L20 LIGHTING SETS, TRAILER MOUNTED

L20	0.10	LIGHTING SETS, TRAILER MOUNTED
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L25 LINE STRIPING EQUIPMENT

L25	0.00	LINE STRIPING EQUIPMENT
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JCL EQUIPMENT CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L25JE002	ROAD RUNNER	LINE STRIPING EQUIPMENT, STRIPER, INTERMEDIATE, 3 GUNS, TRUCK MOUNTED (17,590 LB GVW), TWO COLORS		D-On	190	HP	D-Off	116		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$22.48	\$1.03	\$23.51	\$23.29	\$2.73	\$0.87	\$0.15	\$41.77	\$68.81	\$92.32
Standby	\$11.24	\$1.03							\$12.27	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L25JE003	HRL-1	LINE STRIPING EQUIPMENT, STRIPER, INTERMEDIATE, 1 GUNS SELF PROPELLED, SINGLE COLOR		Gas	5.5	HP	D-Off	9		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.52	\$0.02	\$0.54	\$0.95	\$0.11	\$0.00	\$0.00	\$0.96	\$2.02	\$2.56
Standby	\$0.26	\$0.02							\$0.28	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L25 LINE STRIPING EQUIPMENT

L25 0.00 LINE STRIPING EQUIPMENT

M-B COMPANIES, INC.

							Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier		CWT
L25MB004	TPX 2000	LINE STRIPING EQUIPMENT, STRIPER, INTERMEDIATE, 3-4 GUNS, W/11,000 LBS GVW TRUCK, TWO COLORS						Gas	190	HP	D-Off	290
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$44.42	\$2.02	\$46.44	\$32.77	\$5.34	\$0.87	\$0.15	\$82.37	\$121.51	\$167.95		
Standby	\$22.21	\$2.02							\$24.23			
							Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier		CWT
L25MB006	245	LINE STRIPING EQUIPMENT, STRIPER, INTERMEDIATE, 3 GUNS, SELF PROPELLED, TWO COLORS						Gas	20	HP	D-Off	48
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$19.76	\$0.89	\$20.65	\$3.45	\$1.65	\$0.00	\$0.00	\$36.56	\$41.67	\$62.32		
Standby	\$9.88	\$0.89							\$10.77			

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L25 LINE STRIPING EQUIPMENT

L25 0.00 LINE STRIPING EQUIPMENT

M-B COMPANIES, INC.

							Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description					12/1/2017	Main			Carrier	CWT
L25MB007	260 ACL	LINE STRIPING EQUIPMENT, STRIPER, INTERMEDIATE, 3-4 GUNS, SELF PROPELLED, THREE COLORS						Gas	23	HP	D-Off	30
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$9.90	\$0.45	\$10.35	\$3.97	\$1.47	\$0.00	\$0.00	\$18.32	\$23.75	\$34.10		
Standby	\$4.95	\$0.45							\$5.40			
							Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description					12/1/2017	Main			Carrier	CWT
L25MB008	360	LINE STRIPING EQUIPMENT, STRIPER, INTERMEDIATE, 3-4 GUNS, THERMAL 120 GAL, TRUCK MTD, TWO COLORS						D-Off	74	HP	D-Off	192
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$23.73	\$1.09	\$24.82	\$7.52	\$2.38	\$0.81	\$0.14	\$44.07	\$54.92	\$79.74		
Standby	\$11.87	\$1.09							\$12.96			

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L25 LINE STRIPING EQUIPMENT

L25 0.00 LINE STRIPING EQUIPMENT

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT
L25XX001	300TC	THERMOPLASTIC LINE STRIPER, 4" WIDTH, LP FIRED, CART MOUNTED (ADD COST FOR THERMOPLASTIC)		D-Off	D-Off	5

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.22	\$0.06	\$1.28	\$0.00	\$0.00	\$0.00	\$0.00	\$2.27	\$2.27	\$3.55
Standby	\$0.61	\$0.06							\$0.67	

			Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT
L25XX002	3-610	PAVEMENT GROOVER AND LINE REMOVAL TRUCK, HAS 3 PAVEMENT GRIDING UNITS IN SERIES.		Gas 190 HP	D-Off	290

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$73.21	\$3.32	\$76.53	\$32.77	\$5.34	\$0.87	\$0.15	\$135.67	\$174.80	\$251.33
Standby	\$36.61	\$3.32							\$39.93	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L30 LOADERS, BELT (Conveyor belts) & ACCESSORIES

L30 0.00 LOADERS, BELT (Conveyor belts) & ACCE

KPI-JCI

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
L30KJ001	11-2450	LOADER, CONVEYOR BELT & ACCESSORIES, 24" WIDE X 50' LONG CONVEYOR WITH 24" DEEP LATTICE FRAME, SINGLE AXLE TELESCOPING UNDERCARRIAGE FOR RAISE AND LOWER, CAPABLE OF RADIAL TRAVEL, UP TO 250 TONS PER HOUR		Elec	10	HP	D-Off		105	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.84	\$0.22	\$4.06	\$0.94	\$0.52	\$0.24	\$0.04	\$5.96	\$7.70	\$11.76
Severe	\$4.80	\$0.22	\$5.02	\$1.22	\$0.67	\$0.62	\$0.11	\$8.19	\$10.81	\$15.83
Standby	\$1.92	\$0.22							\$2.14	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
L30KJ002	11-2460	LOADER, CONVEYOR BELT & ACCESSORIES, 24" WIDE X 60' LONG CONVEYOR WITH 24" DEEP LATTICE FRAME, SINGLE AXLE, TELESCOPING UNDERCARRIAGE FOR RAISE AND LOWER, CAPABLE OF RADIAL TRAVEL, UP TO 250 TONS PER HOUR		Elec	10	HP	D-Off		128	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.81	\$0.22	\$4.03	\$0.94	\$0.52	\$0.24	\$0.04	\$5.91	\$7.65	\$11.68
Severe	\$4.76	\$0.22	\$4.98	\$1.22	\$0.67	\$0.62	\$0.11	\$8.13	\$10.74	\$15.72
Standby	\$1.91	\$0.22							\$2.13	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L30 LOADERS, BELT (Conveyor belts) & ACCESSORIES

L30 0.00 LOADERS, BELT (Conveyor belts) & ACCE

KPI-JCI

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
L30KJ004	616 E-3	LOADER, CONVEYOR BELT & ACCESSORIES, 6' X 16', VIBRATORY SLOPE TRIPLE DECK SCREENS, W/HOPPER/ 36" X 28.5' FEEDER CONVEYOR/ 48" X27' UNDER SCREEN CONVEYOR/ & 24" X 20' SIDE DELIVERY CONVEYOR, TRAILER MTD		Elec	85	HP	D-Off		280	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$16.28	\$0.94	\$17.22	\$7.96	\$4.37	\$1.58	\$0.27	\$25.33	\$39.51	\$56.73
Severe	\$20.35	\$0.96	\$21.31	\$10.40	\$5.70	\$4.11	\$0.71	\$34.83	\$55.75	\$77.06
Standby	\$8.14	\$0.94							\$9.08	

SUPERIOR INDUSTRIES, AN ASTEC COMPANY

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
L30S4002	RUN-ON HYDRAULIC JACK LEGS	LOADER CONVERYOR BELT & ACCESSORIES, 4 LEG		D-Off			D-Off		28	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.99	\$0.11	\$2.10	\$0.00	\$0.00	\$0.00	\$0.00	\$3.08	\$3.08	\$5.18
Severe	\$2.49	\$0.11	\$2.60	\$0.00	\$0.00	\$0.00	\$0.00	\$4.23	\$4.23	\$6.83
Standby	\$1.00	\$0.11							\$1.11	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L30 LOADERS, BELT (Conveyor belts) & ACCESSORIES

L30 0.00 LOADERS, BELT (Conveyor belts) & ACCE

SUPERIOR INDUSTRIES, AN ASTEC COMPANY

						Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description				12/1/2017	Main		Carrier		CWT
L30S4007	30" X 100'	CONVEYOR, 30" WIDTH X 100' L, 500 TPH MAX CONVEYOR (ADD 12KW GENERATOR)					Elec	15	HP	D-Off	64
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$3.36	\$0.23	\$3.59	\$1.40	\$0.77	\$1.71	\$0.30	\$5.41	\$9.58	\$13.17	
Severe	\$4.20	\$0.23	\$4.43	\$1.84	\$1.01	\$4.86	\$0.84	\$7.44	\$15.99	\$20.42	
Standby	\$1.68	\$0.23							\$1.91		

						Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description				12/1/2017	Main		Carrier		CWT
L30S4008	LOADER HOPPER	HOPPER FOR FRONT WHEEL LOADER, 500 TPH INCLUDES GRIZZLY SCREEN					D-Off		D-Off		40
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$5.20	\$0.29	\$5.49	\$0.00	\$0.00	\$0.00	\$0.00	\$8.02	\$8.02	\$13.51	
Severe	\$6.50	\$0.29	\$6.79	\$0.00	\$0.00	\$0.00	\$0.00	\$11.03	\$11.03	\$17.82	
Standby	\$2.60	\$0.29							\$2.89		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L35 LOADERS, FRONT END, CRAWLER TYPE

L35 0.00 LOADERS, FRONT END, CRAWLER TYPE

CASE CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
L35CS001	TR270	LOADER, FRONT END, TRACKED, 0.66 CY, 78" WIDE BUCKET		D-Off	68	HP	D-Off		80	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.24	\$0.29	\$5.53	\$5.73	\$0.67	\$0.00	\$0.00	\$9.04	\$15.44	\$20.97
Severe	\$6.55	\$0.30	\$6.85	\$7.42	\$0.86	\$0.00	\$0.00	\$12.84	\$21.13	\$27.98
Standby	\$2.62	\$0.29							\$2.91	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
L35CS002	TR310	LOADER, FRONT END, TRACKED, 0.63 CY, 84" WIDE BUCKET		D-Off	68	HP	D-Off		86	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.49	\$0.30	\$5.79	\$5.73	\$0.67	\$0.00	\$0.00	\$9.47	\$15.86	\$21.65
Severe	\$6.86	\$0.31	\$7.17	\$7.42	\$0.86	\$0.00	\$0.00	\$13.45	\$21.73	\$28.90
Standby	\$2.75	\$0.30							\$3.05	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L35 LOADERS, FRONT END, CRAWLER TYPE

L35 0.00 LOADERS, FRONT END, CRAWLER TYPE

CASE CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L35CS003	TR340	LOADER, FRONT END, TRACKED, 0.63 CY, 84" WIDE BUCKET		D-Off	84	HP	D-Off	97		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.36	\$0.41	\$7.77	\$7.08	\$0.82	\$0.00	\$0.00	\$12.70	\$20.60	\$28.37
Severe	\$9.20	\$0.42	\$9.62	\$9.17	\$1.07	\$0.00	\$0.00	\$18.04	\$28.28	\$37.90
Standby	\$3.68	\$0.41							\$4.09	

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L35CA001	239D	COMPACT TRACK LOADER, 0.52 CY, 66" BUCKET		D-Off	67.1	HP	D-Off	73		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.87	\$0.27	\$5.14	\$5.66	\$0.66	\$0.00	\$0.00	\$8.41	\$14.72	\$19.86
Severe	\$6.09	\$0.27	\$6.36	\$7.32	\$0.85	\$0.00	\$0.00	\$11.94	\$20.11	\$26.47
Standby	\$2.44	\$0.27							\$2.71	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L35 LOADERS, FRONT END, CRAWLER TYPE

L35 0.00 LOADERS, FRONT END, CRAWLER TYPE

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L35CA002	249D	COMPACT TRACK LOADER, 0.52 CY, 66" BUCKET		D-Off	67.1	HP	D-Off	77		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.55	\$0.25	\$4.80	\$5.66	\$0.66	\$0.00	\$0.00	\$7.85	\$14.17	\$18.97
Severe	\$5.69	\$0.26	\$5.95	\$7.32	\$0.85	\$0.00	\$0.00	\$11.16	\$19.33	\$25.28
Standby	\$2.28	\$0.25							\$2.53	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L35CA003	257D	COMPACT TRACK LOADER, 0.54 CY, 66" BUCKET		D-Off	74.3	HP	D-Off	81		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.97	\$0.33	\$6.30	\$6.26	\$0.73	\$0.00	\$0.00	\$10.31	\$17.30	\$23.60
Severe	\$7.47	\$0.34	\$7.81	\$8.11	\$0.94	\$0.00	\$0.00	\$14.64	\$23.69	\$31.50
Standby	\$2.99	\$0.33							\$3.32	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L35 LOADERS, FRONT END, CRAWLER TYPE

L35 0.00 LOADERS, FRONT END, CRAWLER TYPE

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L35CA004	259D	LOADER, FRONT END, TRACKED, 0.54 CY, 66" BUCKET		D-Off	74.3	HP	D-Off	89		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.18	\$0.29	\$5.47	\$6.26	\$0.73	\$0.00	\$0.00	\$8.94	\$15.92	\$21.39
Severe	\$6.47	\$0.29	\$6.76	\$8.11	\$0.94	\$0.00	\$0.00	\$12.69	\$21.75	\$28.51
Standby	\$2.59	\$0.29							\$2.88	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L35CA005	953K	LOADER, FRONT END, CRAWLER, 2.4 CY BUCKET		D-Off	175	HP	D-Off	345		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$23.38	\$1.29	\$24.67	\$14.76	\$1.71	\$0.00	\$0.00	\$40.34	\$56.81	\$81.48
Severe	\$29.23	\$1.32	\$30.55	\$19.10	\$2.22	\$0.00	\$0.00	\$57.30	\$78.62	\$109.17
Standby	\$11.69	\$1.29							\$12.98	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L35 LOADERS, FRONT END, CRAWLER TYPE

L35 0.00 LOADERS, FRONT END, CRAWLER TYPE

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L35CA006	277D	LOADER, FRONT END, TRACKED, 0.54 CY, 66" BUCKET		D-Off	74.3	HP	D-Off	93		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.23	\$0.40	\$7.63	\$6.26	\$0.73	\$0.00	\$0.00	\$12.47	\$19.46	\$27.09
Severe	\$9.04	\$0.41	\$9.45	\$8.11	\$0.94	\$0.00	\$0.00	\$17.72	\$26.77	\$36.22
Standby	\$3.62	\$0.40							\$4.02	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L35CA007	973K	LOADER, FRONT END, CRAWLER, 4.20 CY BUCKET		D-Off	263	HP	D-Off	560		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$51.43	\$2.84	\$54.27	\$22.18	\$2.58	\$0.00	\$0.00	\$88.72	\$113.48	\$167.75
Severe	\$64.28	\$2.90	\$67.18	\$28.70	\$3.33	\$0.00	\$0.00	\$126.03	\$158.06	\$225.24
Standby	\$25.72	\$2.84							\$28.56	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L35 LOADERS, FRONT END, CRAWLER TYPE

L35 0.00 LOADERS, FRONT END, CRAWLER TYPE

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L35CA008	279D	LOADER, FRONT END, TRACKED, 0.54 CY, 66" BUCKET		D-Off	74.3	HP	D-Off	99		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.53	\$0.36	\$6.89	\$6.26	\$0.73	\$0.00	\$0.00	\$11.27	\$18.26	\$25.15
Severe	\$8.17	\$0.37	\$8.54	\$8.11	\$0.94	\$0.00	\$0.00	\$16.01	\$25.06	\$33.60
Standby	\$3.27	\$0.36							\$3.63	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L35CA009	287D	LOADER, FRONT END, TRACKED, 0.54 CY, 66" BUCKET		D-Off	74.3	HP	D-Off	100		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.90	\$0.44	\$8.34	\$6.26	\$0.73	\$0.00	\$0.00	\$13.63	\$20.61	\$28.95
Severe	\$9.87	\$0.45	\$10.32	\$8.11	\$0.94	\$0.00	\$0.00	\$19.36	\$28.41	\$38.73
Standby	\$3.95	\$0.44							\$4.39	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L35 LOADERS, FRONT END, CRAWLER TYPE

L35 0.00 LOADERS, FRONT END, CRAWLER TYPE

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L35CA010	289D	LOADER, FRONT END, TRACKED, 0.54 CY, 66" BUCKET		D-Off	74.3	HP	D-Off	105		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.26	\$0.40	\$7.66	\$6.26	\$0.73	\$0.00	\$0.00	\$12.53	\$19.52	\$27.18
Severe	\$9.08	\$0.41	\$9.49	\$8.11	\$0.94	\$0.00	\$0.00	\$17.80	\$26.85	\$36.34
Standby	\$3.63	\$0.40							\$4.03	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L35CA011	299 D2 XHP	LOADER, FRONT END, TRACKED, 0.54 CY, 66" BUCKET		D-Off	110	HP	D-Off	116		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.23	\$0.51	\$9.74	\$9.28	\$1.08	\$0.00	\$0.00	\$15.93	\$26.29	\$36.03
Severe	\$11.54	\$0.52	\$12.06	\$12.00	\$1.39	\$0.00	\$0.00	\$22.62	\$36.02	\$48.08
Standby	\$4.62	\$0.51							\$5.13	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L35 LOADERS, FRONT END, CRAWLER TYPE

L35 0.00 LOADERS, FRONT END, CRAWLER TYPE

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L35CA014	963K	LOADER, FRONT END, CRAWLER, 3.70 CY BUCKET		D-Off	224	HP	D-Off	448		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$31.20	\$1.72	\$32.92	\$18.89	\$2.19	\$0.00	\$0.00	\$53.84	\$74.92	\$107.84
Severe	\$39.01	\$1.76	\$40.77	\$24.44	\$2.84	\$0.00	\$0.00	\$76.47	\$103.75	\$144.52
Standby	\$15.60	\$1.72							\$17.32	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L35CA015	297 D2 XHP	LOADER, FRONT END, TRACKED, 0.54 CY, 66" BUCKET		D-Off	107	HP	D-Off	108		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$10.19	\$0.56	\$10.75	\$9.02	\$1.05	\$0.00	\$0.00	\$17.57	\$27.64	\$38.39
Severe	\$12.73	\$0.57	\$13.30	\$11.68	\$1.36	\$0.00	\$0.00	\$24.96	\$38.00	\$51.30
Standby	\$5.10	\$0.56							\$5.66	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L35 LOADERS, FRONT END, CRAWLER TYPE

L35 0.00 LOADERS, FRONT END, CRAWLER TYPE

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L35CA040	297D2	FRONT END LOADER, TRACKED, 0.54 CY, 66" WIDE BUCKET		D-Off	98	HP	D-Off	107		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.99	\$0.44	\$8.43	\$8.26	\$0.96	\$0.00	\$0.00	\$13.79	\$23.01	\$31.44
Severe	\$9.99	\$0.45	\$10.44	\$10.69	\$1.24	\$0.00	\$0.00	\$19.59	\$31.52	\$41.96
Standby	\$4.00	\$0.44							\$4.44	

MELROE BOBCAT

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L35ME001	T550	LOADER, FRONT END, SKID STEER, TRACKED, 10.5 CF, 62" WIDE BUCKET		D-Off	66	HP	D-Off	76		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.58	\$0.25	\$4.83	\$5.57	\$0.65	\$0.00	\$0.00	\$7.90	\$14.11	\$18.94
Severe	\$5.72	\$0.26	\$5.98	\$7.20	\$0.84	\$0.00	\$0.00	\$11.22	\$19.25	\$25.23
Standby	\$2.29	\$0.25							\$2.54	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L35 LOADERS, FRONT END, CRAWLER TYPE

L35 0.00 LOADERS, FRONT END, CRAWLER TYPE

MELROE BOBCAT

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L35ME002	T590	LOADER, FRONT END, SKID STEER, TRACKED, 10.5 CF, 62" WIDE BUCKET		D-Off	66	HP	D-Off	78		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.82	\$0.27	\$5.09	\$5.57	\$0.65	\$0.00	\$0.00	\$8.32	\$14.53	\$19.62
Severe	\$6.03	\$0.27	\$6.30	\$7.20	\$0.84	\$0.00	\$0.00	\$11.81	\$19.85	\$26.15
Standby	\$2.41	\$0.27							\$2.68	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L35ME003	T595	LOADER, FRONT END, SKID STEER, TRACKED, 10.5 CF, 62" WIDE BUCKET		D-Off	74	HP	D-Off	81		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.87	\$0.27	\$5.14	\$6.24	\$0.72	\$0.00	\$0.00	\$8.40	\$15.36	\$20.50
Severe	\$6.08	\$0.27	\$6.35	\$8.07	\$0.94	\$0.00	\$0.00	\$11.93	\$20.93	\$27.28
Standby	\$2.44	\$0.27							\$2.71	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L35 LOADERS, FRONT END, CRAWLER TYPE

L35 0.00 LOADERS, FRONT END, CRAWLER TYPE

MELROE BOBCAT

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L35ME004	T630	LOADER, FRONT END, SKID STEER, TRACKED, 23.3 CF, 78" WIDE BUCKET		D-Off	74	HP	D-Off	86		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.14	\$0.28	\$5.42	\$6.24	\$0.72	\$0.00	\$0.00	\$8.87	\$15.84	\$21.26
Severe	\$6.43	\$0.29	\$6.72	\$8.07	\$0.94	\$0.00	\$0.00	\$12.60	\$21.61	\$28.33
Standby	\$2.57	\$0.28							\$2.85	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L35ME005	T650	LOADER, FRONT END, SKID STEER, TRACKED, 23.3 CF, 78" WIDE BUCKET		D-Off	74	HP	D-Off	91		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.33	\$0.29	\$5.62	\$6.24	\$0.72	\$0.00	\$0.00	\$9.19	\$16.15	\$21.77
Severe	\$6.66	\$0.30	\$6.96	\$8.07	\$0.94	\$0.00	\$0.00	\$13.05	\$22.06	\$29.02
Standby	\$2.67	\$0.29							\$2.96	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.11 ARTICULATED, 0 THRU 225 HP

CASE CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L40CS004	21F	LOADER, FRONT END, WHEEL, 1.05 HEAPED CY BUCKET, ARTICULATED, 4X4		D-Off	55	HP	D-Off	109		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.59	\$0.45	\$8.04	\$4.23	\$0.54	\$0.79	\$0.14	\$8.97	\$14.67	\$22.71
Severe	\$8.02	\$0.45	\$8.47	\$5.59	\$0.71	\$2.56	\$0.44	\$10.84	\$20.14	\$28.61
Standby	\$3.80	\$0.45							\$4.25	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L40CS005	121F	LOADER, FRONT END, WHEEL, 1.18 HEAPED CY BUCKET, ARTICULATED, 4X4		D-Off	60	HP	D-Off	114		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.52	\$0.44	\$7.96	\$4.61	\$0.59	\$0.79	\$0.14	\$8.89	\$15.01	\$22.97
Severe	\$7.94	\$0.44	\$8.38	\$6.10	\$0.78	\$2.56	\$0.44	\$10.74	\$20.61	\$28.99
Standby	\$3.76	\$0.44							\$4.20	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.11 ARTICULATED, 0 THRU 225 HP

CASE CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L40CS012	621G	LOADER, FRONT END, WHEEL, 3.0 HEAPED CY BUCKET, ARTICULATED, 4X4		D-Off	172	HP	D-Off	282		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$16.61	\$0.98	\$17.59	\$13.22	\$1.69	\$3.25	\$0.56	\$19.67	\$38.39	\$55.98
Severe	\$17.56	\$0.99	\$18.55	\$17.49	\$2.23	\$10.48	\$1.81	\$23.76	\$55.77	\$74.32
Standby	\$8.31	\$0.98							\$9.29	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L40CS013	721G	LOADER, FRONT END, WHEEL, 3.5 HEAPED CY BUCKET, ARTICULATED, 4X4		D-Off	195	HP	D-Off	325		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$19.21	\$1.13	\$20.34	\$14.99	\$1.91	\$3.25	\$0.56	\$22.71	\$43.43	\$63.77
Severe	\$20.31	\$1.13	\$21.44	\$19.83	\$2.53	\$10.48	\$1.81	\$27.44	\$62.09	\$83.53
Standby	\$9.61	\$1.13							\$10.74	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.11 ARTICULATED, 0 THRU 225 HP

CASE CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L40CS014	821G	LOADER, FRONT END, WHEEL, 4.5 HEAPED CY BUCKET, ARTICULATED, 4X4		D-Off	230	HP	D-Off	401		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$23.55	\$1.42	\$24.97	\$17.68	\$2.26	\$7.19	\$1.24	\$28.05	\$56.41	\$81.38
Severe	\$24.90	\$1.43	\$26.33	\$23.39	\$2.99	\$23.16	\$4.00	\$33.88	\$87.41	\$113.74
Standby	\$11.78	\$1.42							\$13.20	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L40CS031	521G	LOADER, FRONT END, WHEEL, 2.1 HEAPED CY BUCKET, ARTICULATED, 4X4		D-Off	131	HP	D-Off	241		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$17.92	\$1.06	\$18.98	\$10.07	\$1.29	\$3.47	\$0.60	\$21.21	\$36.63	\$55.61
Severe	\$18.94	\$1.06	\$20.00	\$13.32	\$1.70	\$11.19	\$1.93	\$25.62	\$53.76	\$73.76
Standby	\$8.96	\$1.06							\$10.02	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.11 ARTICULATED, 0 THRU 225 HP

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
L40CA001	903C2	LOADER, FRONT END, WHEEL, 0.8 HEAPED CY BUCKET, ARTICULATED, 4X4		D-Off	42	HP	D-Off		91	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.26	\$0.36	\$6.62	\$3.23	\$0.41	\$0.48	\$0.08	\$7.38	\$11.59	\$18.21
Severe	\$6.62	\$0.37	\$6.99	\$4.27	\$0.55	\$1.55	\$0.27	\$8.92	\$15.55	\$22.54
Standby	\$3.13	\$0.36							\$3.49	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
L40CA002	926M	LOADER, FRONT END, WHEEL, 3.8 HEAPED CY BUCKET, ARTICULATED, 4X4		D-Off	155	HP	D-Off		288	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$14.64	\$1.00	\$15.64	\$11.92	\$1.52	\$13.63	\$2.35	\$18.02	\$47.45	\$63.09
Severe	\$15.48	\$1.00	\$16.48	\$15.76	\$2.01	\$43.92	\$7.58	\$21.78	\$91.04	\$107.52
Standby	\$7.32	\$1.00							\$8.32	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.11 ARTICULATED, 0 THRU 225 HP

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
L40CA014	907M	LOADER, FRONT END, WHEEL, 1.3 HEAPED CY BUCKET, ARTICULATED, 4X4			D-Off	74	HP	D-Off	127	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.15	\$0.53	\$9.68	\$5.69	\$0.73	\$0.79	\$0.14	\$10.80	\$18.15	\$27.83
Severe	\$9.67	\$0.54	\$10.21	\$7.52	\$0.96	\$2.56	\$0.44	\$13.05	\$24.52	\$34.73
Standby	\$4.58	\$0.53							\$5.11	

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
L40CA019	914M	LOADER, FRONT END, WHEEL, 2.0 HEAPED CY BUCKET, ARTICULATED, 4X4			D-Off	102	HP	D-Off	193	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$13.18	\$0.77	\$13.95	\$7.84	\$1.00	\$1.65	\$0.28	\$15.54	\$26.31	\$40.26
Severe	\$13.93	\$0.77	\$14.70	\$10.37	\$1.32	\$5.31	\$0.92	\$18.77	\$36.69	\$51.39
Standby	\$6.59	\$0.77							\$7.36	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.11 ARTICULATED, 0 THRU 225 HP

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L40CA023	938M	LOADER, FRONT END, WHEEL, 3.80 HEAPED CY BUCKET, ARTICULATED, 4X4		D-Off	190	HP	D-Off	362		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$21.93	\$1.28	\$23.21	\$14.61	\$1.86	\$2.60	\$0.45	\$25.85	\$45.37	\$68.58
Severe	\$23.19	\$1.28	\$24.47	\$19.32	\$2.47	\$8.37	\$1.44	\$31.23	\$62.83	\$87.30
Standby	\$10.97	\$1.28							\$12.25	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L40CA024	950M	LOADER, FRONT END, WHEEL, 4.5 HEAPED CY BUCKET, ARTICULATED, 4X4		D-Off	253	HP	D-Off	428		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$26.27	\$1.58	\$27.85	\$19.45	\$2.48	\$7.19	\$1.24	\$31.23	\$61.59	\$89.44
Severe	\$27.78	\$1.59	\$29.37	\$25.73	\$3.28	\$23.16	\$4.00	\$37.73	\$93.90	\$123.27
Standby	\$13.14	\$1.58							\$14.72	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.11 ARTICULATED, 0 THRU 225 HP

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L40CA025	962M	LOADER, FRONT END, WHEEL, 4.75 HEAPED CY BUCKET, ARTICULATED, 4X4		D-Off	253	HP	D-Off	448		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$25.92	\$1.56	\$27.48	\$19.45	\$2.48	\$7.19	\$1.24	\$30.82	\$61.18	\$88.66
Severe	\$27.40	\$1.57	\$28.97	\$25.73	\$3.28	\$23.16	\$4.00	\$37.24	\$93.41	\$122.38
Standby	\$12.96	\$1.56							\$14.52	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L40CA033	906M	LOADER, FRONT END, WHEEL, 2.0 HEAPED CY BUCKET, ARTICULATED, 4X4		D-Off	74	HP	D-Off	124		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.09	\$0.53	\$9.62	\$5.69	\$0.73	\$0.79	\$0.14	\$10.74	\$18.08	\$27.70
Severe	\$9.61	\$0.53	\$10.14	\$7.52	\$0.96	\$2.56	\$0.44	\$12.97	\$24.45	\$34.59
Standby	\$4.55	\$0.53							\$5.08	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.11 ARTICULATED, 0 THRU 225 HP

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L40CA034	908M	LOADER, FRONT END, WHEEL, 1.40 HEAPED CY BUCKET, ARTICULATED, 4X4		D-Off	74	HP	D-Off	141		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$10.32	\$0.60	\$10.92	\$5.69	\$0.73	\$0.79	\$0.14	\$12.17	\$19.52	\$30.44
Severe	\$10.91	\$0.60	\$11.51	\$7.52	\$0.96	\$2.56	\$0.44	\$14.71	\$26.18	\$37.69
Standby	\$5.16	\$0.60							\$5.76	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L40CA040	930M	LOADER, FRONT END, WHEEL, 3.2 HEAPED CY BUCKET, ARTICULATED, 4X4		D-Off	166	HP	D-Off	309		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$19.21	\$1.12	\$20.33	\$12.76	\$1.63	\$2.60	\$0.45	\$22.66	\$40.10	\$60.43
Severe	\$20.31	\$1.13	\$21.44	\$16.88	\$2.15	\$8.37	\$1.44	\$27.38	\$56.23	\$77.67
Standby	\$9.61	\$1.12							\$10.73	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L400.11ARTICULATED, 0 THRU 225 HP

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
L40CA041	910M	LOADER, FRONT END, WHEEL, 1.7 HEAPED CY BUCKET, ARTICULATED, 4X4		D-Off	101	HP	D-Off		178	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$12.07	\$0.74	\$12.81	\$7.76	\$0.99	\$4.07	\$0.70	\$14.41	\$27.94	\$40.75
Severe	\$12.76	\$0.74	\$13.50	\$10.27	\$1.31	\$13.11	\$2.26	\$17.42	\$44.37	\$57.87
Standby	\$6.04	\$0.74							\$6.78	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
L40CA050	918M	LOADER, FRONT END, WHEEL, 2.2 HEAPED CY BUCKET, ARTICULATED, 4X4		D-Off	117	HP	D-Off		209	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$14.03	\$0.84	\$14.87	\$8.99	\$1.15	\$3.47	\$0.60	\$16.65	\$30.86	\$45.73
Severe	\$14.83	\$0.84	\$15.67	\$11.90	\$1.52	\$11.19	\$1.93	\$20.12	\$46.66	\$62.33
Standby	\$7.02	\$0.84							\$7.86	

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.11 ARTICULATED, 0 THRU 225 HP

KOMATSU AMERICA INTERNATIONAL COMPANY

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L40KM003	WA200-8	LOADER, FRONT END, WHEEL, 2.60 CY - 3.10 HEAPED CY BUCKET, ARTICULATED, 4X4		D-Off	126	HP	D-Off	258		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$13.15	\$0.78	\$13.93	\$9.69	\$1.24	\$2.60	\$0.45	\$15.56	\$29.54	\$43.47
Severe	\$13.90	\$0.78	\$14.68	\$12.81	\$1.64	\$8.37	\$1.44	\$18.80	\$43.06	\$57.74
Standby	\$6.58	\$0.78							\$7.36	

KOMATSU DRESSER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L40ID005	CDM835	LOADER, FRONT END, WHEEL, 3.0 HEAPED CY BUCKET, ARTICULATED, 4X4		D-Off	132.8	HP	D-Off	271		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.65	\$0.48	\$8.13	\$10.21	\$1.30	\$3.47	\$0.60	\$9.18	\$24.76	\$32.89
Severe	\$8.08	\$0.48	\$8.56	\$13.50	\$1.72	\$11.19	\$1.93	\$11.09	\$39.43	\$47.99
Standby	\$3.83	\$0.48							\$4.31	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L400.11ARTICULATED, 0 THRU 225 HP

KOMATSU DRESSER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L40ID006	CDM858N	LOADER, FRONT END, WHEEL, 3.9 HEAPED CY BUCKET, ARTICULATED, 4X4		D-Off	219.9	HP	D-Off	385		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$11.65	\$0.73	\$12.38	\$16.91	\$2.16	\$5.46	\$0.94	\$13.99	\$39.45	\$51.83
Severe	\$12.31	\$0.73	\$13.04	\$22.36	\$2.85	\$17.58	\$3.03	\$16.90	\$62.73	\$75.77
Standby	\$5.83	\$0.73							\$6.56	

L400.12ARTICULATED, OVER 225 HP

CASE CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L40CS032	921G	LOADER, FRONT END, WHEEL, 2.1 HEAPED CY BUCKET, ARTICULATED, 4X4		D-Off	242	HP	D-Off	451		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$23.23	\$1.76	\$24.99	\$18.60	\$1.71	\$5.46	\$0.94	\$25.68	\$52.39	\$77.38
Severe	\$26.13	\$1.77	\$27.90	\$24.61	\$2.26	\$17.58	\$3.03	\$30.96	\$78.45	\$106.35
Standby	\$11.62	\$1.76							\$13.38	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.12 ARTICULATED, OVER 225 HP

CASE CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L40CS033	1021G	LOADER, FRONT END, WHEEL, 5.5 HEAPED CY BUCKET, ARTICULATED, 4X4		D-Off	296	HP	D-Off	553		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$30.05	\$2.25	\$32.30	\$22.76	\$2.09	\$5.46	\$0.94	\$33.17	\$64.42	\$96.72
Severe	\$33.80	\$2.27	\$36.07	\$30.10	\$2.77	\$17.58	\$3.03	\$39.98	\$93.46	\$129.53
Standby	\$15.03	\$2.25							\$17.28	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L40CS034	1121G	LOADER, FRONT END, WHEEL, 6.25 HEAPED CY BUCKET, ARTICULATED, 4X4		D-Off	320	HP	D-Off	617		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$30.87	\$2.36	\$33.23	\$24.60	\$2.26	\$9.38	\$1.62	\$34.20	\$72.06	\$105.29
Severe	\$34.73	\$2.37	\$37.10	\$32.54	\$2.99	\$30.21	\$5.21	\$41.22	\$112.18	\$149.28
Standby	\$15.44	\$2.36							\$17.80	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.12 ARTICULATED, OVER 225 HP

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L40CA007	980M	LOADER, FRONT END, WHEEL, 7.50 HEAPED CY BUCKET, ARTICULATED, 4X4		D-Off	425	HP	D-Off	664		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$32.52	\$2.54	\$35.06	\$32.67	\$3.01	\$15.49	\$2.67	\$36.21	\$90.05	\$125.11
Severe	\$36.58	\$2.56	\$39.14	\$43.21	\$3.98	\$49.90	\$8.61	\$43.65	\$149.35	\$188.49
Standby	\$16.26	\$2.54							\$18.80	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L40CA018	990K	LOADER, FRONT END, WHEEL, 11.20 HEAPED CY BUCKET, ARTICULATED, 4X4		D-Off	699	HP	D-Off	1785		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$95.66	\$7.59	\$103.25	\$53.74	\$4.94	\$55.22	\$9.53	\$106.85	\$230.28	\$333.53
Severe	\$107.62	\$7.65	\$115.27	\$71.07	\$6.54	\$177.94	\$30.69	\$128.79	\$415.03	\$530.30
Standby	\$47.83	\$7.59							\$55.42	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.12 ARTICULATED, OVER 225 HP

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
L40CA035	988K	LOADER, FRONT END, WHEEL, UP TO 9.00 HEAPED CY BUCKET, ARTICULATED, 4X4			D-Off	541	HP	D-Off	1126	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$51.51	\$4.10	\$55.61	\$41.59	\$3.83	\$31.20	\$5.38	\$57.58	\$139.58	\$195.19
Severe	\$57.94	\$4.13	\$62.07	\$55.01	\$5.06	\$100.55	\$17.34	\$69.40	\$247.37	\$309.44
Standby	\$25.76	\$4.10							\$29.86	

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
L40CA042	966M	LOADER, FRONT END, WHEEL, 5.5 HEAPED CY BUCKET, ARTICULATED, 4X4			D-Off	311	HP	D-Off	512	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$26.82	\$2.11	\$28.93	\$23.91	\$2.20	\$13.63	\$2.35	\$29.90	\$71.99	\$100.92
Severe	\$30.18	\$2.12	\$32.30	\$31.62	\$2.91	\$43.92	\$7.58	\$36.04	\$122.06	\$154.36
Standby	\$13.41	\$2.11							\$15.52	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.12 ARTICULATED, OVER 225 HP

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
L40CA051	950GC	LOADER, FRONT END, WHEEL, 4.25 HEAPED CY BUCKET, ARTICULATED, 4X4			D-Off	243	HP	D-Off	416	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$16.17	\$1.24	\$17.41	\$18.68	\$1.72	\$5.46	\$0.94	\$17.93	\$44.72	\$62.13
Severe	\$18.19	\$1.25	\$19.44	\$24.71	\$2.27	\$17.58	\$3.03	\$21.61	\$69.21	\$88.65
Standby	\$8.09	\$1.24							\$9.33	

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
L40CA052	972M	LOADER, FRONT END, WHEEL, 7 HEAPED CY BUCKET, ARTICULATED, 4X4			D-Off	337	HP	D-Off	549	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$28.65	\$2.30	\$30.95	\$25.91	\$2.38	\$18.82	\$3.25	\$32.08	\$82.44	\$113.39
Severe	\$32.23	\$2.32	\$34.55	\$34.27	\$3.15	\$60.64	\$10.46	\$38.67	\$147.19	\$181.74
Standby	\$14.33	\$2.30							\$16.63	

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.12 ARTICULATED, OVER 225 HP

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L40CA053	982M	LOADER, FRONT END, WHEEL, 9.25 HEAPED CY BUCKET, ARTICULATED, 4X4		D-Off	436	HP	D-Off	784		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$38.17	\$2.99	\$41.16	\$33.52	\$3.08	\$18.82	\$3.25	\$42.53	\$101.20	\$142.36
Severe	\$42.94	\$3.02	\$45.96	\$44.33	\$4.08	\$60.64	\$10.46	\$51.26	\$170.77	\$216.73
Standby	\$19.09	\$2.99							\$22.08	

KOMATSU AMERICA INTERNATIONAL COMPANY

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L40KM008	WA480-8	LOADER, FRONT END, WHEEL, 6.0 CY - 6.5 HEAPED CY BUCKET, ARTICULATED, 4X4		D-Off	299	HP	D-Off	564		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$22.31	\$1.73	\$24.04	\$22.99	\$2.12	\$9.38	\$1.62	\$24.80	\$60.90	\$84.94
Severe	\$25.10	\$1.75	\$26.85	\$30.40	\$2.80	\$30.21	\$5.21	\$29.90	\$98.52	\$125.37
Standby	\$11.16	\$1.73							\$12.89	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.12 ARTICULATED, OVER 225 HP

KOMATSU AMERICA INTERNATIONAL COMPANY

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L40KM009	WA600-6	LOADER, FRONT END, WHEEL, 9.20 HEAPED CY BUCKET, ARTICULATED, 4X4		D-Off	527	HP	D-Off	1190		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$70.22	\$5.33	\$75.55	\$40.52	\$3.73	\$18.52	\$3.20	\$77.70	\$143.67	\$219.22
Severe	\$78.99	\$5.37	\$84.36	\$53.59	\$4.93	\$59.69	\$10.30	\$93.66	\$222.16	\$306.52
Standby	\$35.11	\$5.33							\$40.44	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L40KM011	WA800-3	LOADER, FRONT END, WHEEL, 18.30 HEAPED CY BUCKET, ARTICULATED, 4X4		D-Off	808	HP	D-Off	2304		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$86.95	\$6.94	\$93.89	\$62.12	\$5.72	\$53.62	\$9.25	\$97.23	\$227.94	\$321.83
Severe	\$97.82	\$6.99	\$104.81	\$82.16	\$7.56	\$172.78	\$29.80	\$117.20	\$409.50	\$514.31
Standby	\$43.48	\$6.94							\$50.42	

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.12 ARTICULATED, OVER 225 HP

KOMATSU AMERICA INTERNATIONAL COMPANY

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L40KM036	WA380-8	LOADER, FRONT END, WHEEL, 3.5 CY - 4.3 CY HEAPED BUCKET CAPACITY, ARTICULATED, 4X4		D-Off	191	HP	D-Off	410		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$15.97	\$1.24	\$17.21	\$14.68	\$1.35	\$6.09	\$1.05	\$17.75	\$40.92	\$58.13
Severe	\$17.96	\$1.25	\$19.21	\$19.42	\$1.79	\$19.62	\$3.38	\$21.39	\$65.60	\$84.81
Standby	\$7.99	\$1.24							\$9.23	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L40KM037	WA470-8	LOADER, FRONT END, WHEEL, 5.0 CY - 5.8 CY HEAPED BUCKET CAPACITY, ARTICULATED, 4X4		D-Off	272	HP	D-Off	564		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$22.76	\$1.81	\$24.57	\$20.91	\$1.92	\$13.63	\$2.35	\$25.44	\$64.25	\$88.82
Severe	\$25.60	\$1.83	\$27.43	\$27.66	\$2.54	\$43.92	\$7.58	\$30.66	\$112.36	\$139.79
Standby	\$11.38	\$1.81							\$13.19	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.20 SKID STEER

CASE CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L40CS006	221F	LOADER, FRONT END, WHEEL, 1.57 HEAPED CY BUCKET, ARTICULATED, 4X4		D-Off	70	HP	D-Off	126		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$10.25	\$0.48	\$10.73	\$5.90	\$0.75	\$1.18	\$0.20	\$12.95	\$20.99	\$31.72
Standby	\$5.13	\$0.48							\$5.61	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L40CS015	321F	LOADER, FRONT END, WHEEL, 1.70 HEAPED CY BUCKET, ARTICULATED, 4X4		D-Off	70	HP	D-Off	136		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$11.65	\$0.55	\$12.20	\$5.90	\$0.75	\$2.23	\$0.38	\$14.77	\$24.03	\$36.23
Standby	\$5.83	\$0.55							\$6.38	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L40CS038	SR130	LOADER, FRONT END WHEEL, SKID-STEER, 0.52 HEAPED CY, 72" BUCKET		D-Off	45.8	HP	D-Off	51		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.93	\$0.18	\$4.11	\$3.86	\$0.49	\$0.56	\$0.10	\$4.97	\$9.98	\$14.09
Standby	\$1.97	\$0.18							\$2.15	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.20 SKID STEER

CASE CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L40CS039	SR160	LOADER, FRONT END WHEEL, SKID-STEER, 0.52 HEAPED CY, 72" BUCKET		D-Off	60	HP	D-Off	52		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.31	\$0.20	\$4.51	\$5.06	\$0.65	\$0.56	\$0.10	\$5.45	\$11.82	\$16.33
Standby	\$2.16	\$0.20							\$2.36	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L40CS040	SR175	LOADER, FRONT END WHEEL, SKID-STEER, 0.57 HEAPED CY, 78" BUCKET		D-Off	64	HP	D-Off	60		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.30	\$0.34	\$7.64	\$5.40	\$0.69	\$0.56	\$0.10	\$9.19	\$15.94	\$23.58
Standby	\$3.65	\$0.34							\$3.99	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L40CS041	SV185	LOADER, FRONT END WHEEL, SKID-STEER, 0.57 HEAPED CY, 78" BUCKET		D-Off	57	HP	D-Off	63		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.72	\$0.36	\$8.08	\$4.81	\$0.61	\$0.56	\$0.10	\$9.72	\$15.80	\$23.88
Standby	\$3.86	\$0.36							\$4.22	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.20 SKID STEER

CASE CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L40CS042	SR210	LOADER, FRONT END WHEEL, SKID-STEER, 0.57 HEAPED CY, 78" BUCKET		D-Off	68	HP	D-Off	67		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.15	\$0.28	\$6.43	\$5.73	\$0.73	\$0.56	\$0.10	\$7.76	\$14.88	\$21.31
Standby	\$3.08	\$0.28							\$3.36	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L40CS043	SR240	LOADER, FRONT END WHEEL, SKID-STEER, 0.63 HEAPED CY, 84" BUCKET		D-Off	74	HP	D-Off	71		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.57	\$0.26	\$5.83	\$6.24	\$0.80	\$0.72	\$0.12	\$7.04	\$14.92	\$20.75
Standby	\$2.79	\$0.26							\$3.05	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L40CS044	SR270	LOADER, FRONT END WHEEL, SKID-STEER, 0.63 HEAPED CY, 84" BUCKET		D-Off	90	HP	D-Off	78		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.21	\$0.33	\$7.54	\$7.59	\$0.97	\$0.72	\$0.12	\$9.09	\$18.49	\$26.03
Standby	\$3.61	\$0.33							\$3.94	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.20 SKID STEER

CASE CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L40CS045	SV280	LOADER, FRONT END WHEEL, SKID-STEER, 0.63 HEAPED CY, 84" BUCKET		D-Off	74	HP	D-Off	77		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.28	\$0.29	\$6.57	\$6.24	\$0.80	\$0.72	\$0.12	\$7.93	\$15.80	\$22.37
Standby	\$3.14	\$0.29							\$3.43	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L40CS046	SV300	LOADER, FRONT END WHEEL, SKID-STEER, 0.63 HEAPED CY, 84" BUCKET		D-Off	90	HP	D-Off	83		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.60	\$0.35	\$7.95	\$7.59	\$0.97	\$0.72	\$0.12	\$9.59	\$18.99	\$26.94
Standby	\$3.80	\$0.35							\$4.15	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L40CS047	SV340	LOADER, FRONT END WHEEL, SKID-STEER, 0.63 HEAPED CY, 84" BUCKET		D-Off	90	HP	D-Off	86		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.98	\$0.38	\$8.36	\$7.59	\$0.97	\$1.23	\$0.21	\$10.10	\$20.10	\$28.46
Standby	\$3.99	\$0.38							\$4.37	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L400.20SKID STEER

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L40CA003	226D	LOADER, FRONT END WHEEL, SKID-STEER, 0.47 HEAPED CY, 60" BUCKET		D-Off	67.1	HP	D-Off	57		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.82	\$0.18	\$4.00	\$5.66	\$0.72	\$0.53	\$0.09	\$4.83	\$11.83	\$15.83
Standby	\$1.91	\$0.18							\$2.09	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L40CA004	232D	LOADER, FRONT END WHEEL, SKID-STEER, HEAPED 0.47 CY, 60" BUCKET		D-Off	67.1	HP	D-Off	62		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.79	\$0.22	\$5.01	\$5.66	\$0.72	\$0.53	\$0.09	\$6.04	\$13.04	\$18.05
Standby	\$2.40	\$0.22							\$2.62	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L40CA005	236D	LOADER, FRONT END WHEEL, SKID-STEER, 0.52 HEAPED CY, 66" BUCKET		D-Off	74.3	HP	D-Off	66		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.24	\$0.24	\$5.48	\$6.26	\$0.80	\$0.53	\$0.09	\$6.61	\$14.29	\$19.77
Standby	\$2.62	\$0.24							\$2.86	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40	0.20	SKID STEER
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CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L40CA006	242D	LOADER, FRONT END, WHEEL, SKID-STEER, 0.52 HEAPED CY, 66" BUCKET		D-Off	74.3	HP	D-Off	70		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.40	\$0.25	\$5.65	\$6.26	\$0.80	\$0.66	\$0.11	\$6.83	\$14.67	\$20.32
Standby	\$2.70	\$0.25							\$2.95	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L40CA008	262D	LOADER, FRONT END, WHEEL, SKID-STEER, 0.52 HEAPED CY, 66" BUCKET		D-Off	74.3	HP	D-Off	81		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.15	\$0.29	\$6.44	\$6.26	\$0.80	\$0.66	\$0.11	\$7.77	\$15.60	\$22.04
Standby	\$3.08	\$0.29							\$3.37	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L40CA010	272D2	LOADER, FRONT END, WHEEL, SKID-STEER, 0.52 HEAPED CY, 66" BUCKET		D-Off	98	HP	D-Off	88		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.05	\$0.33	\$7.38	\$8.26	\$1.05	\$0.66	\$0.11	\$8.90	\$18.99	\$26.37
Standby	\$3.53	\$0.33							\$3.86	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L400.20SKID STEER

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L40CA031	246D	LOADER, FRONT END, WHEEL, SKID-STEER, 15.4 HEAPED CF, 72" BUCKET, 4X4		D-Off	74.3	HP	D-Off	74		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.77	\$0.27	\$6.04	\$6.26	\$0.80	\$0.66	\$0.11	\$7.28	\$15.12	\$21.16
Standby	\$2.89	\$0.27							\$3.16	

MELROE BOBCAT

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L40ME012	S450	LOADER, FRONT END, WHEEL, SKID-STEER, 10.5 HEAPED CF, 62" BUCKET		D-Off	49	HP	D-Off	50		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.90	\$0.18	\$4.08	\$4.13	\$0.53	\$0.56	\$0.10	\$4.94	\$10.26	\$14.34
Standby	\$1.95	\$0.18							\$2.13	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L40ME016	S70	LOADER, FRONT END, WHEEL, SKID-STEER, 7.4 HEAPED CF, 36" WIDE BUCKET, 4X4		D-Off	23.5	HP	D-Off	28		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.27	\$0.11	\$2.38	\$1.98	\$0.25	\$0.29	\$0.05	\$2.87	\$5.44	\$7.82
Standby	\$1.14	\$0.11							\$1.25	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.20 SKID STEER

MELROE BOBCAT

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L40ME017	S550	LOADER, FRONT END, WHEEL, SKID-STEER, 10.5 HEAPED CF, 68" BUCKET, 4X4		D-Off	49	HP	D-Off	65		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.68	\$0.22	\$4.90	\$4.13	\$0.53	\$0.56	\$0.10	\$5.91	\$11.23	\$16.13
Standby	\$2.34	\$0.22							\$2.56	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L40ME021	S570	LOADER, FRONT END, WHEEL, SKID-STEER, 10.5 HEAPED CF, 68" BUCKET, 4X4		D-Off	49	HP	D-Off	65		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.86	\$0.23	\$5.09	\$4.13	\$0.53	\$0.56	\$0.10	\$6.14	\$11.45	\$16.54
Standby	\$2.43	\$0.23							\$2.66	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L40ME022	S630	LOADER, FRONT END, WHEEL, SKID-STEER, 20.6 HEAPED CF, 74" BUCKET, 4X4		D-Off	74	HP	D-Off	76		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.02	\$0.24	\$5.26	\$6.24	\$0.80	\$0.72	\$0.12	\$6.35	\$14.23	\$19.49
Standby	\$2.51	\$0.24							\$2.75	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40	0.20	SKID STEER									
MELROE BOBCAT											
							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT
L40ME023	S740	LOADER, FRONT END, WHEEL, SKID-STEER, 23.3 HEAPED CF, 78" BUCKET, 4X4					D-Off	74	HP	D-Off	88
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.67	\$0.26	\$5.93		\$6.24	\$0.80	\$0.72	\$0.12	\$7.16	\$15.04	\$20.97
Standby	\$2.84	\$0.26								\$3.10	

L40 0.31 TOOL CARRIER & TELESCOPIC HANDLE

CATERPILLAR INC. (MACHINE DIVISION)										
			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
L40CA015	TH255C	TELEHANDLER, 5500 LB RATED LOAD CAPACITY, 18.4' MAX LIFT HEIGHT WITH 3000 LB CAPACITY, 10.8' MAX FORWARD REACH WITH 1700 LB CAPACITY, 4X4	D-Off		74	HP	D-Off		110	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.83	\$0.43	\$7.26	\$5.69	\$0.73	\$0.47	\$0.08	\$9.77	\$16.73	\$23.99
Severe	\$7.38	\$0.43	\$7.81	\$7.52	\$0.96	\$1.18	\$0.20	\$11.18	\$21.04	\$28.85
Standby	\$3.42	\$0.43							\$3.85	

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.31 TOOL CARRIER & TELESCOPIC HANDLE

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier	CWT
L40CA026	TL1055D	TELEHANDLER, 10,000 LB RATED LOAD CAPACITY, 55' MAX LIFT HEIGHT WITH 5,000 LB CAPACITY, 42' MAX FORWARD REACH WITH 2,500 LB CAPACITY, 4X4		D-Off	142.1	HP	319

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$15.35	\$0.96	\$16.31	\$10.92	\$1.39	\$1.05	\$0.18	\$21.94	\$35.49	\$51.80
Severe	\$16.59	\$0.96	\$17.55	\$14.45	\$1.84	\$2.64	\$0.45	\$25.12	\$44.50	\$62.05
Standby	\$7.68	\$0.96							\$8.64	

			Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier	CWT
L40CA027	TL1255D	TELEHANDLER, 12,000 LB RATED LOAD CAPACITY, 55' MAX LIFT HEIGHT WITH 5,000 LB CAPACITY, 42' MAX FORWARD REACH WITH 3,500 LB CAPACITY, 4X4		D-Off	142.1	HP	344

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$16.41	\$1.02	\$17.43	\$10.92	\$1.39	\$1.05	\$0.18	\$23.46	\$37.01	\$54.44
Severe	\$17.74	\$1.03	\$18.77	\$14.45	\$1.84	\$2.64	\$0.45	\$26.86	\$46.24	\$65.01
Standby	\$8.21	\$1.02							\$9.23	

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.31 TOOL CARRIER & TELESCOPIC HANDLE

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L40CA036	TL642D	TELEHANDLER, 6,500 LB RATED LOAD CAPACITY, 42' MAX LIFT HEIGHT WITH 6,500 LB CAPACITY, 30' MAX FORWARD REACH WITH 700 LB CAPACITY, 4X4		D-Off	100	HP	D-Off	220		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$10.35	\$0.65	\$11.00	\$7.69	\$0.98	\$1.71	\$0.30	\$14.84	\$25.52	\$36.52
Severe	\$11.19	\$0.65	\$11.84	\$10.17	\$1.30	\$4.28	\$0.74	\$16.98	\$33.47	\$45.31
Standby	\$5.18	\$0.65							\$5.83	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L40CA037	TL943D	TELEHANDLER, 9,000 LB RATED LB RATED LOAD CAPACITY, 43' MAX LIFT HEIGHT WITH 7,000 LB CAPACITY, 31' MAX FORWARD REACH WITH 1,200 LB CAPACITY, 4X4		D-Off	111	HP	D-Off	258		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$11.94	\$0.75	\$12.69	\$8.53	\$1.09	\$1.71	\$0.30	\$17.10	\$28.72	\$41.41
Severe	\$12.91	\$0.75	\$13.66	\$11.29	\$1.44	\$4.28	\$0.74	\$19.57	\$37.32	\$50.98
Standby	\$5.97	\$0.75							\$6.72	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.31 TOOL CARRIER & TELESCOPIC HANDLE

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L40CA038	TH514D	TELEHANDLER, 11,000 LB RATED LOAD CAPACITY, 45' MAX LIFT HEIGHT WITH 7,000 LB CAPACITY, 30.3' MAX FORWARD REACH WITH 3,000 LB CAPACITY, 4X4		D-Off	101	HP	D-Off	237		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$14.82	\$0.92	\$15.74	\$7.76	\$0.99	\$1.71	\$0.30	\$21.19	\$31.94	\$47.68
Severe	\$16.02	\$0.93	\$16.95	\$10.27	\$1.31	\$4.28	\$0.74	\$24.25	\$40.85	\$57.80
Standby	\$7.41	\$0.92							\$8.33	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L40CA039	TH406D	TELEHANDLER, 8800 LB RATED LOAD CAPACITY, 24.9' MAX LIFT HEIGHT WITH 4400 LB CAPACITY, 14.1' MAX FORWARD REACH WITH 3075 LB CAPACITY, 4X4		D-Off	142	HP	D-Off	159		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$11.08	\$0.69	\$11.77	\$10.92	\$1.39	\$1.74	\$0.30	\$15.87	\$30.23	\$42.00
Severe	\$11.98	\$0.70	\$12.68	\$14.44	\$1.84	\$4.35	\$0.75	\$18.17	\$39.55	\$52.23
Standby	\$5.54	\$0.69							\$6.23	

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.31 TOOL CARRIER & TELESCOPIC HANDLE

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L40CA048	TH3510D	TELEHANDLER, 7,700 LB RATED LOAD CAPACITY, 32' MAX LIFT HEIGHT WITH 1,400 LB CAPACITY, 21.5' MAX FORWARD REACH WITH 1,275 LB CAPACITY, 4X4		D-Off	142	HP	D-Off	202		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$10.93	\$0.76	\$11.69	\$10.92	\$1.39	\$7.22	\$1.25	\$16.07	\$36.85	\$48.54
Severe	\$11.82	\$0.76	\$12.58	\$14.44	\$1.84	\$18.05	\$3.11	\$18.40	\$55.85	\$68.43
Standby	\$5.47	\$0.76							\$6.23	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L40CA049	TH357D	TELEHANDLER, 7,700 LB RATED LOAD CAPACITY, 23' MAX LIFT HEIGHT WITH 4,350 LB CAPACITY, 12' MAX FORWARD REACH WITH 3,200 LB CAPACITY, 4X4		D-Off	124	HP	D-Off	172		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.94	\$0.65	\$10.59	\$9.53	\$1.22	\$3.66	\$0.63	\$14.39	\$29.43	\$40.02
Severe	\$10.75	\$0.65	\$11.40	\$12.61	\$1.61	\$9.16	\$1.58	\$16.47	\$41.42	\$52.82
Standby	\$4.97	\$0.65							\$5.62	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.31 TOOL CARRIER & TELESCOPIC HANDLE

JCB INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L40JC015	505-20TC	TELEHANDLER, 5500 LB MAX LOAD, 20' MAX LIFT HEIGHT WITH 3000 LB LOAD, 11.5' MAX FORWARD REACH WITH 1750 LB CAPACITY		D-Off	74	HP	D-Off	121		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.36	\$0.33	\$5.69	\$5.69	\$0.73	\$0.20	\$0.04	\$7.64	\$14.30	\$19.99
Severe	\$5.79	\$0.33	\$6.12	\$7.52	\$0.96	\$0.51	\$0.09	\$8.75	\$17.82	\$23.94
Standby	\$2.68	\$0.33							\$3.01	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L40JC016	508-66TC	TELEHANDLER, 8800 LB MAX LOAD, 65.5' MAX LIFT HEIGHT WITH 3300 LB LOAD, 52' MAX FORWARD REACH WITH 440 LB CAPACITY		D-Off	74	HP	D-Off	287		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$10.24	\$0.67	\$10.91	\$5.69	\$0.73	\$3.66	\$0.63	\$14.81	\$25.52	\$36.43
Severe	\$11.07	\$0.67	\$11.74	\$7.52	\$0.96	\$9.16	\$1.58	\$16.95	\$36.16	\$47.90
Standby	\$5.12	\$0.67							\$5.79	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.31 TOOL CARRIER & TELESCOPIC HANDLE

JCB INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L40JC017	509-23TC	TELEHANDLER, 9000 LB MAX LOAD, 23' MAX LIFT HEIGHT WITH 5000 LB LOAD, 12' MAX FORWARD REACH WITH 3300 LB CAPACITY		D-Off	74	HP	D-Off	156		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.92	\$0.55	\$9.47	\$5.69	\$0.73	\$0.47	\$0.08	\$12.75	\$19.71	\$29.18
Severe	\$9.65	\$0.56	\$10.21	\$7.52	\$0.96	\$1.18	\$0.20	\$14.59	\$24.45	\$34.66
Standby	\$4.46	\$0.55							\$5.01	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L40JC018	509-45TC	TELEHANDLER, 8800 LB MAX LOAD, 45.2' MAX LIFT HEIGHT WITH 6600 LB LOAD, 32' MAX FORWARD REACH WITH 2750 LB CAPACITY		D-Off	109	HP	D-Off	240		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$10.04	\$0.66	\$10.70	\$8.38	\$1.07	\$3.97	\$0.69	\$14.54	\$28.65	\$39.35
Severe	\$10.85	\$0.66	\$11.51	\$11.08	\$1.41	\$9.93	\$1.71	\$16.65	\$40.79	\$52.30
Standby	\$5.02	\$0.66							\$5.68	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.31 TOOL CARRIER & TELESCOPIC HANDLE

JCB INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L40JC019	510-55TC	TELEHANDLER, 10,000 LB MAX LOAD, 54.75' MAX LIFT HEIGHT WITH 5,000 LB LOAD, 41.5' MAX FORWARD REACH WITH 1,000 LB CAPACITY		D-Off	74	HP	D-Off	275		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$11.13	\$0.72	\$11.85	\$5.69	\$0.73	\$3.66	\$0.63	\$16.07	\$26.78	\$38.63
Severe	\$12.03	\$0.72	\$12.75	\$7.52	\$0.96	\$9.16	\$1.58	\$18.40	\$37.61	\$50.36
Standby	\$5.57	\$0.72							\$6.29	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L40JC020	512-26	TELEHANDLER, 12,000 LB MAX LOAD, 26.5' MAX LIFT HEIGHT WITH 6,600 LB LOAD, 14.7' MAX FORWARD REACH WITH 3,800 LB CAPACITY		D-Off	125	HP	D-Off	243		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.94	\$0.64	\$10.58	\$9.61	\$1.23	\$1.89	\$0.33	\$14.35	\$27.41	\$37.99
Severe	\$10.75	\$0.65	\$11.40	\$12.71	\$1.62	\$4.74	\$0.82	\$16.43	\$36.31	\$47.71
Standby	\$4.97	\$0.64							\$5.61	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L50 LOADERS / BACKHOE, WHEEL TYPE

L50 0.00 LOADERS / BACKHOE, WHEEL TYPE

CASE CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L50CS007	580 SUPER N	LOADER / BACKHOE, WHEEL, 1.29 CY FRONT END BUCKET, 12.7 CF BACKHOE BUCKET, 14.5' MAX DIGGING DEPTH, 4X4		D-Off	95	HP	D-Off	173		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$10.85	\$0.67	\$11.52	\$5.65	\$2.87	\$0.55	\$0.10	\$14.60	\$23.76	\$35.28
Severe	\$18.09	\$0.71	\$18.80	\$8.01	\$4.06	\$1.93	\$0.33	\$25.86	\$40.19	\$58.99
Standby	\$5.43	\$0.67							\$6.10	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L50CS008	590 SUPER N	LOADER / BACKHOE, WHEEL, 1.50 CY FRONT END BUCKET, 12.7 CF BACKHOE BUCKET, 15.5' MAX DIGGING DEPTH, 4X4		D-Off	110	HP	D-Off	205		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$12.09	\$0.76	\$12.85	\$6.55	\$3.32	\$0.73	\$0.13	\$16.29	\$27.02	\$39.87
Severe	\$20.15	\$0.79	\$20.94	\$9.28	\$4.71	\$2.47	\$0.43	\$28.85	\$45.72	\$66.66
Standby	\$6.05	\$0.76							\$6.81	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L50 LOADERS / BACKHOE, WHEEL TYPE

L50 0.00 LOADERS / BACKHOE, WHEEL TYPE

CASE CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L50CS036	580N	LOADER/BACKHOE, WHEEL, 1.3 CY FRONT END BUCKET, 12.7 CF BACKHOE BUCKET, 18' 3" DIGGING DEPTH, 4X4		D-Off	83	HP	D-Off	178		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$10.93	\$0.69	\$11.62	\$4.94	\$2.51	\$1.51	\$0.26	\$14.77	\$23.98	\$35.60
Severe	\$18.22	\$0.72	\$18.94	\$7.00	\$3.55	\$5.40	\$0.93	\$26.15	\$43.04	\$61.98
Standby	\$5.47	\$0.69							\$6.16	

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L50CA001	416F	LOADER / BACKHOE, WHEEL, 1.30 CY FRONT END BUCKET, 8.5 CF, 14.3' DIGGING DEPTH, 4X4		D-Off	95	HP	D-Off	152		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.43	\$0.59	\$10.02	\$5.65	\$2.87	\$0.56	\$0.10	\$12.70	\$21.87	\$31.89
Severe	\$15.72	\$0.62	\$16.34	\$8.01	\$4.06	\$1.95	\$0.34	\$22.50	\$36.85	\$53.19
Standby	\$4.72	\$0.59							\$5.31	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L50 LOADERS / BACKHOE, WHEEL TYPE

L50 0.00 LOADERS / BACKHOE, WHEEL TYPE

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L50CA002	420F2	LOADER/BACKHOE, WHEEL, 1.5 CY FRONT END BUCKET, 8.5 CF BACKHOE BUCKET, 14' 4" DIGGING DEPTH, 4X4		D-Off	102	HP	D-Off	170		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$10.17	\$0.64	\$10.81	\$6.07	\$3.08	\$0.63	\$0.11	\$13.70	\$23.59	\$34.40
Severe	\$16.95	\$0.67	\$17.62	\$8.60	\$4.36	\$2.11	\$0.36	\$24.26	\$39.70	\$57.32
Standby	\$5.09	\$0.64							\$5.73	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L50CA003	415F2	LOADER / BACKHOE, WHEEL, 1.3 CY FRONT END BUCKET, 13 CF, 14' 3" DIGGING DEPTH, 4X2		D-Off	74	HP	D-Off	152		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.84	\$0.62	\$10.46	\$4.40	\$2.23	\$0.63	\$0.11	\$13.26	\$20.63	\$31.09
Severe	\$16.40	\$0.65	\$17.05	\$6.24	\$3.16	\$2.11	\$0.36	\$23.48	\$35.36	\$52.41
Standby	\$4.92	\$0.62							\$5.54	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L50 LOADERS / BACKHOE, WHEEL TYPE

L50 0.00 LOADERS / BACKHOE, WHEEL TYPE

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L50CA005	450F	LOADER / BACKHOE, WHEEL, 1.75 CY FRONT END BUCKET, 9.5 CF, 17.2' DIGGING DEPTH, 4X4		D-Off	144	HP	D-Off	241		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$15.28	\$0.95	\$16.23	\$8.57	\$4.35	\$0.67	\$0.11	\$20.53	\$34.23	\$50.46
Severe	\$25.46	\$0.99	\$26.45	\$12.14	\$6.16	\$2.34	\$0.40	\$36.36	\$57.40	\$83.85
Standby	\$7.64	\$0.95							\$8.59	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L50CA037	430F2	LOADER/BACKHOE, WHEEL, 1.3 CY FRONT END BUCKET, 8.5 CF, EXTENDABLE STICK, 19.5' MAX DIGGING DEPTH, 4X4		D-Off	117	HP	D-Off	171		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$12.10	\$0.77	\$12.87	\$6.96	\$3.53	\$1.93	\$0.33	\$16.36	\$29.12	\$41.99
Severe	\$20.16	\$0.81	\$20.97	\$9.87	\$5.01	\$6.87	\$1.18	\$28.98	\$51.90	\$72.87
Standby	\$6.05	\$0.77							\$6.82	

* - Adjustable Elements

Region: 1
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Hourly Equipment Ownership and Operating Expense

L50 LOADERS / BACKHOE, WHEEL TYPE

L50 0.00 LOADERS / BACKHOE, WHEEL TYPE

JCB INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L50JC008	3CX14	LOADER / BACKHOE, WHEEL, 1.3 CY FRONT END BUCKET, 24" DIP, 7.1 CF, 14.6' DIGGING DEPTH, 4X4		D-Off	74	HP	D-Off	154		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.47	\$0.35	\$5.82	\$4.40	\$2.23	\$0.71	\$0.12	\$7.42	\$14.89	\$20.71
Severe	\$9.12	\$0.37	\$9.49	\$6.24	\$3.16	\$2.38	\$0.41	\$13.15	\$25.34	\$34.83
Standby	\$2.74	\$0.35							\$3.09	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L50JC010	3CX15 Super	LOADER / BACKHOE, WHEEL, 1.40 CY FRONT END BUCKET, 24" DIP, 7.1 CF, 16.3' DIGGING DEPTH, 4X4		D-Off	109	HP	D-Off	175		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.61	\$0.42	\$7.03	\$6.49	\$3.29	\$0.71	\$0.12	\$8.94	\$19.56	\$26.59
Severe	\$11.01	\$0.44	\$11.45	\$9.19	\$4.66	\$2.38	\$0.41	\$15.84	\$32.48	\$43.93
Standby	\$3.31	\$0.42							\$3.73	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L50 LOADERS / BACKHOE, WHEEL TYPE

L50 0.00 LOADERS / BACKHOE, WHEEL TYPE

JCB INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L50JC011	4CX15 Super	LOADER / BACKHOE, WHEEL, 1.40 CY FRONT END BUCKET, 24" DIP, 7.1 CF, 20.1' DIGGING DEPTH, 4X4		D-Off	109	HP	D-Off	187		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.48	\$0.55	\$9.03	\$6.49	\$3.29	\$1.26	\$0.22	\$11.51	\$22.76	\$31.79
Severe	\$14.13	\$0.57	\$14.70	\$9.19	\$4.66	\$4.61	\$0.79	\$20.38	\$39.63	\$54.33
Standby	\$4.24	\$0.55							\$4.79	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L50JC013	3CX COMPACT	COMPACT LOADER/BACKHOE, WHEEL, 0.92 CY FRONT END BUCKET, 2.1 CF, 10.1' DIGGING DEPTH		D-Off	74	HP	D-Off	134		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.66	\$0.36	\$6.02	\$4.40	\$2.23	\$0.70	\$0.12	\$7.67	\$15.12	\$21.14
Severe	\$9.44	\$0.38	\$9.82	\$6.24	\$3.16	\$2.56	\$0.44	\$13.58	\$25.98	\$35.80
Standby	\$2.83	\$0.36							\$3.19	

* - Adjustable Elements

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Hourly Equipment Ownership and Operating Expense

L55 LOADER / BACKHOE, ATTACHMENTS

L55 0.00 LOADER / BACKHOE, ATTACHMENTS

FURUKAWA CO.,LTD.

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
L55FU001	B555	LOADER / BACKHOE, ATTACHMENT, AIR RAM, 500 FT-LB, W/2.5" DIA CHISEL (ADD 175 CFM COMPRESSOR & LDR/BH)						D-Off	D-Off	5	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$1.34	\$0.05	\$1.39	\$0.00	\$0.52	\$0.00	\$0.00	\$2.07	\$2.59	\$3.98	
Standby	\$0.67	\$0.05							\$0.72		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
L55FU002	B999	LOADER / BACKHOE, ATTACHMENT, AIR RAM, 1000 FT-LB, W/ 3.5" DIA CHISEL (ADD 250 CFM COMPRESSOR & LDR/BH)						D-Off	D-Off	10	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$2.46	\$0.09	\$2.55	\$0.00	\$1.06	\$0.00	\$0.00	\$3.80	\$4.86	\$7.41	
Standby	\$1.23	\$0.09							\$1.32		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L55 LOADER / BACKHOE, ATTACHMENTS

L55 0.00 LOADER / BACKHOE, ATTACHMENTS

FURUKAWA CO.,LTD.

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
L55FU003	F6QT	LOADER / BACKHOE, ATTACHMENT, HYDRAULIC BREAKER, 1,000 FT-LB, W/3" DIA. POINT (ADD 12,000-14,000 LOADER/BACKHOE)						D-Off	D-Off	7	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$2.10	\$0.07	\$2.17	\$0.00	\$0.00	\$0.00	\$0.00	\$3.24	\$3.24	\$5.41	
Standby	\$1.05	\$0.07							\$1.12		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
L55FU004	F9QT	LOADER / BACKHOE, ATTACHMENT, HYDRAULIC BREAKER, 1500 FT-LB, W/3.5" DIA. POINT (ADD 14,000-20,000 LOADER/BACKHOE)						D-Off	D-Off	11	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$3.10	\$0.11	\$3.21	\$0.00	\$0.00	\$0.00	\$0.00	\$4.77	\$4.77	\$7.98	
Standby	\$1.55	\$0.11							\$1.66		

* - Adjustable Elements

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Hourly Equipment Ownership and Operating Expense

L60 LOG SKIDDERS

L60 0.00 LOG SKIDDERS

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L60CA013	525 D	LOG SKIDDER, 14.45 SF ARCH & GRAPPLE, SINGLE FUNCTION, WHEEL, 4X2		D-Off	203	HP	D-Off	443		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$23.91	\$1.28	\$25.19	\$15.61	\$2.14	\$3.90	\$0.67	\$24.57	\$46.89	\$72.08
Severe	\$29.89	\$1.31	\$31.20	\$20.64	\$2.82	\$11.44	\$1.97	\$35.10	\$71.97	\$103.17
Standby	\$11.96	\$1.28							\$13.24	

JOHN DEERE

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L60JD001	540G III	LOG SKIDDER, CABLE, 38,000 LBS LINE-PULL WINCH AND BLADE, WHEEL, 4X4		D-Off	119	HP	D-Off	228		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$15.14	\$0.84	\$15.98	\$9.15	\$1.25	\$4.39	\$0.76	\$15.63	\$31.19	\$47.17
Severe	\$18.93	\$0.85	\$19.78	\$12.10	\$1.66	\$13.41	\$2.31	\$22.33	\$51.82	\$71.60
Standby	\$7.57	\$0.84							\$8.41	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L60 LOG SKIDDERS

L60 0.00 LOG SKIDDERS

JOHN DEERE

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L60JD002	640H	LOG SKIDDER, CABLE, 48,867 LBS LINE-PULL WINCH AND BLADE, WHEEL, 4X4		D-Off	151	HP	D-Off	239		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$20.21	\$1.09	\$21.30	\$11.61	\$1.59	\$4.39	\$0.76	\$20.79	\$39.14	\$60.44
Severe	\$25.26	\$1.11	\$26.37	\$15.35	\$2.10	\$13.41	\$2.31	\$29.70	\$62.87	\$89.24
Standby	\$10.11	\$1.09							\$11.20	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L60JD003	548G III - GRAPPLE	LOG SKIDDER, 8.0 SF GRAPPLE WITH BLADE, WHEEL, 4X4		D-Off	119	HP	D-Off	217		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$15.42	\$0.82	\$16.24	\$9.15	\$1.25	\$2.40	\$0.41	\$15.81	\$29.03	\$45.27
Severe	\$19.27	\$0.83	\$20.10	\$12.10	\$1.66	\$7.34	\$1.27	\$22.59	\$44.95	\$65.05
Standby	\$7.71	\$0.82							\$8.53	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L60 LOG SKIDDERS

L60 0.00 LOG SKIDDERS

JOHN DEERE

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
L60JD004	648H	LOG SKIDDER, 10.4 SF GRAPPLE WITH BLADE, WHEEL, 4X4			D-Off	160	HP	D-Off	266	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$22.06	\$1.18	\$23.24	\$12.30	\$1.68	\$4.39	\$0.76	\$22.67	\$41.81	\$65.05
Severe	\$27.57	\$1.21	\$28.78	\$16.27	\$2.23	\$13.41	\$2.31	\$32.39	\$66.61	\$95.39
Standby	\$11.03	\$1.18							\$12.21	

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
L60JD006	643L	LOG SKIDDER, LOG FELLER/BUNCHER, 18" DIA TREE SAW CUTTER, WHEEL, 4X4			D-Off	170	HP	D-Off	320	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$19.71	\$1.07	\$20.78	\$13.07	\$1.79	\$4.39	\$0.76	\$20.28	\$40.29	\$61.07
Severe	\$24.63	\$1.09	\$25.72	\$17.29	\$2.37	\$13.41	\$2.31	\$28.97	\$64.35	\$90.07
Standby	\$9.86	\$1.07							\$10.93	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L60 LOG SKIDDERS

L600.00LOG SKIDDERS

JOHN DEERE

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
L60JD007	843K	LOG SKIDDER, LOG FELLER/BUNCHER, 20" DIA TREE SAW CUTTER, WHEEL, 4X4		D-Off	200	HP	D-Off	323		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$20.05	\$1.08	\$21.13	\$15.38	\$2.10	\$4.39	\$0.76	\$20.63	\$43.27	\$64.40
Severe	\$25.07	\$1.11	\$26.18	\$20.34	\$2.78	\$13.41	\$2.31	\$29.47	\$68.32	\$94.50
Standby	\$10.03	\$1.08							\$11.11	

M10 MARINE EQUIPMENT (NON DREDGING)

M100.41WORK FLOATS (SECTIONAL, NON-DRED

MARINE INLAND FABRICATORS

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
M10MZ001	BARGE 40'x8'x4'	MARINE EQUIPMENT, WORK BARGE, SECTIONAL, MEDIUM DUTY, 40' X 8' X 4', 23 TON		D-Off		D-Off		143		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.46	\$0.16	\$5.62	\$0.00	\$0.00	\$0.00	\$0.00	\$3.68	\$3.68	\$9.30
Standby	\$2.73	\$0.16							\$2.89	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

M10 MARINE EQUIPMENT (NON DREDGING)

M10 0.41 WORK FLOATS (SECTIONAL, NON-DRED

MARINE INLAND FABRICATORS

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
M10MZ003	BARGE 40'x10'x4'	MARINE EQUIPMENT, WORK BARGE, SECTIONAL, MEDIUM DUTY, 40' X 10' X 4', 30 TON					D-Off		D-Off	173	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$6.42	\$0.19	\$6.61	\$0.00	\$0.00	\$0.00	\$0.00	\$4.33	\$4.33	\$10.94	
Standby	\$3.21	\$0.19							\$3.40		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
M10MZ005	BARGE 40'x12'x4'	MARINE EQUIPMENT, WORK BARGE, SECTIONAL, MEDIUM DUTY', 40' X 12' X 4', 36 TON					D-Off		D-Off	193	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$7.35	\$0.22	\$7.57	\$0.00	\$0.00	\$0.00	\$0.00	\$4.96	\$4.96	\$12.53	
Standby	\$3.68	\$0.22							\$3.90		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

M10 MARINE EQUIPMENT (NON DREDGING)

M10 0.41 WORK FLOATS (SECTIONAL, NON-DRED

MARINE INLAND FABRICATORS

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
M10MZ007	BARGE 40'x12'x5'	MARINE EQUIPMENT, WORK BARGE, SECTIONAL, MEDIUM DUTY, 40' X 12' X 5', 51 TON						D-Off	D-Off	217	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$7.99	\$0.23	\$8.22	\$0.00	\$0.00	\$0.00	\$0.00	\$5.39	\$5.39	\$13.61	
Standby	\$4.00	\$0.23							\$4.23		

NO SPECIFIC MANUFACTURER

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT
M10XX003	20-10-7	MARINE EQUIPMENT, WORK BARGE, SECTIONAL, MID-SECTION, 20' X 10' X 7'					D-Off		D-Off		90
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$4.52	\$0.13	\$4.65	\$0.00	\$0.00	\$0.00	\$0.00	\$3.04	\$3.04	\$7.69	
Standby	\$2.26	\$0.13							\$2.39		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

M10 MARINE EQUIPMENT (NON DREDGING)

M10 0.41 WORK FLOATS (SECTIONAL, NON-DRED

NO SPECIFIC MANUFACTURER

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
M10XX004	40-10-5	MARINE EQUIPMENT, WORK BARGE, SECTIONAL, MID-SECTION, 40' X 10' X 5'						D-Off	D-Off	173	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$5.29	\$0.16	\$5.45	\$0.00	\$0.00	\$0.00	\$0.00	\$3.57	\$3.57	\$9.02	
Standby	\$2.65	\$0.16							\$2.81		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
M10XX020	48' X 12' X 4' BARGE	MARINE EQUIPMENT, WORK BARGE, SECTIONAL, MEDIUM DUTY, 48' X 12' X 4', 20 TON						D-Off	D-Off	1	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$4.42	\$0.13	\$4.55	\$0.00	\$0.00	\$0.00	\$0.00	\$2.98	\$2.98	\$7.53	
Standby	\$2.21	\$0.13							\$2.34		

* - Adjustable Elements

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Hourly Equipment Ownership and Operating Expense

M10 MARINE EQUIPMENT (NON DREDGING)

M10 0.45 FLAT-DECK OR CARGO BARGE (NON-DR

NO SPECIFIC MANUFACTURER

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
M10XX005	120-30-7	MARINE EQUIPMENT, FLAT-DECK CARGO BARGE, 120' X 30' X 7', 480 TON						D-Off	D-Off	1	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$3.11	\$1.06	\$4.17	\$0.00	\$0.00	\$0.00	\$0.00	\$2.38	\$2.38	\$6.55	
Standby	\$1.56	\$1.06							\$2.62		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
M10XX007	140-45-9	MARINE EQUIPMENT, FLAT-DECK CARGO BARGE, 140' X 45' X 9', 1,255 TON						D-Off	D-Off	1	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$3.63	\$1.24	\$4.87	\$0.00	\$0.00	\$0.00	\$0.00	\$2.78	\$2.78	\$7.65	
Standby	\$1.82	\$1.24							\$3.06		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
M10XX008	150-45-10	MARINE EQUIPMENT, FLAT-DECK CARGO BARGE, 150' X 40' X 10', 1,240 TON						D-Off	D-Off	1	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$7.77	\$2.65	\$10.42	\$0.00	\$0.00	\$0.00	\$0.00	\$5.96	\$5.96	\$16.38	
Standby	\$3.89	\$2.65							\$6.54		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

M10 MARINE EQUIPMENT (NON DREDGING)

M10 0.48 ALL OTHER BARGES (NON-DREDGING)

NO SPECIFIC MANUFACTURER

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
M10XX016	OPEN 195	MARINE EQUIPMENT, ALL OTHER BARGES, HOPPER, 195' X 35' X 12', 1,400 TON						D-Off	D-Off	1	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$18.34	\$2.14	\$20.48	\$0.00	\$0.00	\$0.00	\$0.00	\$16.40	\$16.40	\$36.88	
Standby	\$9.17	\$2.14							\$11.31		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
M10XX017	OPEN 200	MARINE EQUIPMENT, ALL OTHER BARGES, HOPPER, 200' X 35' X 12', 1,600 TON						D-Off	D-Off	1	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$18.34	\$2.14	\$20.48	\$0.00	\$0.00	\$0.00	\$0.00	\$16.40	\$16.40	\$36.88	
Standby	\$9.17	\$2.14							\$11.31		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
M10XX018	CLOSED 195	MARINE EQUIPMENT, ALL OTHER BARGES, HOPPER, 195' X 35' X 12', 1,400 TON (COVERED)						D-Off	D-Off	1	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$19.43	\$2.27	\$21.70	\$0.00	\$0.00	\$0.00	\$0.00	\$17.37	\$17.37	\$39.07	
Standby	\$9.72	\$2.27							\$11.99		

* - Adjustable Elements

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M10 MARINE EQUIPMENT (NON DREDGING)

M10 0.48 ALL OTHER BARGES (NON-DREDGING)

NO SPECIFIC MANUFACTURER

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
M10XX019	CLOSED 200	MARINE EQUIPMENT, ALL OTHER BARGES, HOPPER, 200' X 35' X 12', 1,600 TON (COVERED)						D-Off	D-Off	1	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$19.43	\$2.27	\$21.70	\$0.00	\$0.00	\$0.00	\$0.00	\$17.37	\$17.37	\$39.07	
Standby	\$9.72	\$2.27							\$11.99		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT
M10XX027	120410-BW	MARINE EQUIPMENT, ALL OTHER BARGES, 40' X 24' X 5' WORK BARGE WITH 36" HIGH SIDE WALLS AND LOADING RAMP, TWO - 12" DIA SPUDS					D-Off		D-Off		1
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$3.28	\$0.38	\$3.66	\$0.00	\$0.00	\$0.00	\$0.00	\$2.93	\$2.93	\$6.59	
Standby	\$1.64	\$0.38							\$2.02		

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

M10 MARINE EQUIPMENT (NON DREDGING)

M10 0.48 ALL OTHER BARGES (NON-DREDGING)

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT
M10XX029	130601-BJ	MARINE EQUIPMENT, ALL OTHER BARGES, 40' X 12' X 5', JACK UP BARGE, 4 DETACHABLE WELLS AND HYDRAULIC SYSTEM, 12 TON CAPACITY		D-Off	D-Off	1

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.51	\$0.64	\$6.15	\$0.00	\$0.00	\$0.00	\$0.00	\$4.93	\$4.93	\$11.08
Standby	\$2.76	\$0.64							\$3.40	

M10 0.51 BOATS & LAUNCHES, 0 THRU 250 HP

MARINE INLAND FABRICATORS

			Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier		CWT
M10MZ010	COLT	MARINE EQUIPMENT, BOATS & LAUNCHES, TRUCKABLE WORKBOAT W/PILOT HOUSE & PUSH KNEES, INBOARD, 20.25' X 8' X 3.5'		D-Off	135 HP	D-Off	95

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.06	\$0.39	\$5.45	\$10.38	\$1.92	\$0.00	\$0.00	\$5.06	\$17.36	\$22.81
Severe	\$6.23	\$0.40	\$6.63	\$13.73	\$2.54	\$0.00	\$0.00	\$6.67	\$22.94	\$29.57
Standby	\$2.53	\$0.39							\$2.92	

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

M10 MARINE EQUIPMENT (NON DREDGING)

M10 0.51 BOATS & LAUNCHES, 0 THRU 250 HP

MARINE INLAND FABRICATORS

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
M10MZ011	MUSTANG	MARINE EQUIPMENT, BOATS & LAUNCHES, TRUCKABLE WORKBOAT W/PILOT HOUSE & PUSH KNEES, INBOARD, 25.25' X 10' X 3.5'		D-Off	200	HP	D-Off	180		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.61	\$0.51	\$7.12	\$15.38	\$2.85	\$0.00	\$0.00	\$6.60	\$24.83	\$31.95
Severe	\$8.13	\$0.52	\$8.65	\$20.34	\$3.77	\$0.00	\$0.00	\$8.71	\$32.81	\$41.46
Standby	\$3.31	\$0.51							\$3.82	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
M10MZ014	CLYDESDA LE	MARINE EQUIPMENT, BOATS & LAUNCHES, TRUCKABLE WORKBOAT W/PILOT HOUSE & PUSH KNEES, INBOARD, 25.25' X 14' X 5'		D-Off	600	HP	D-Off	380		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$10.81	\$0.84	\$11.65	\$46.13	\$8.54	\$0.00	\$0.00	\$10.80	\$65.47	\$77.12
Severe	\$13.31	\$0.85	\$14.16	\$61.01	\$11.30	\$0.00	\$0.00	\$14.25	\$86.55	\$100.71
Standby	\$5.41	\$0.84							\$6.25	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

M10 MARINE EQUIPMENT (NON DREDGING)

M10 0.51 BOATS & LAUNCHES, 0 THRU 250 HP

MUNSON WORKBOATS

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
M10M5001	19-8	MARINE EQUIPMENT, BOATS & LAUNCHES, 19' UTILITY, ROOF COVERING, 8' BEAM, SINGLE 115 HP OUTBOARD MOTOR		Gas	115	HP	D-Off	31		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.37	\$0.26	\$3.63	\$15.20	\$2.38	\$0.00	\$0.00	\$3.36	\$20.94	\$24.57
Severe	\$4.14	\$0.27	\$4.41	\$19.84	\$3.10	\$0.00	\$0.00	\$4.44	\$27.38	\$31.79
Standby	\$1.69	\$0.26							\$1.95	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
M10M5002	21-22	MARINE EQUIPMENT, BOATS & LAUNCHES, 21' UTILITY, ROOF COVERING, 8.5' BEAM, SINGLE 150 HP OUTBOARD MOTOR		Gas	150	HP	D-Off	35		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.88	\$0.30	\$4.18	\$19.82	\$3.10	\$0.00	\$0.00	\$3.88	\$26.80	\$30.98
Severe	\$4.78	\$0.31	\$5.09	\$25.87	\$4.05	\$0.00	\$0.00	\$5.12	\$35.03	\$40.12
Standby	\$1.94	\$0.30							\$2.24	

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

M10 MARINE EQUIPMENT (NON DREDGING)

M10 0.51 BOATS & LAUNCHES, 0 THRU 250 HP

MUNSON WORKBOATS

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
M10M5003	23-20	MARINE EQUIPMENT, BOATS & LAUNCHES, 23' UTILITY, ROOF COVERING, 8.5' BEAM, TWIN 115 HP OUTBOARD MOTORS		Gas	230	HP	D-Off		40	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.66	\$0.36	\$5.02	\$30.40	\$4.75	\$0.00	\$0.00	\$4.65	\$39.81	\$44.83
Severe	\$5.73	\$0.37	\$6.10	\$39.67	\$6.20	\$0.00	\$0.00	\$6.14	\$52.01	\$58.11
Standby	\$2.33	\$0.36							\$2.69	

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
M10XX009	17'	MARINE EQUIPMENT, BOATS & LAUNCHES, 17' RUNABOUT RUNABOUT, 6' BEAM, OUTBOARD ENGINE		Gas	90	HP	D-Off		15	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.55	\$0.12	\$1.67	\$11.89	\$1.86	\$0.00	\$0.00	\$1.55	\$15.30	\$16.97
Severe	\$1.91	\$0.12	\$2.03	\$15.52	\$2.43	\$0.00	\$0.00	\$2.04	\$19.99	\$22.02
Standby	\$0.78	\$0.12							\$0.90	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

M10 MARINE EQUIPMENT (NON DREDGING)

M10 0.51 BOATS & LAUNCHES, 0 THRU 250 HP

NO SPECIFIC MANUFACTURER

				Value TEV	Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description		12/1/2017	Main		Carrier		CWT	
M10XX010	16' TENDER	MARINE EQUIPMENT, BOATS & LAUNCHES, 16' TENDER, 6.5' BEAM, OUTBOARD ENGINE			Gas	10	HP	D-Off	10	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.48	\$0.04	\$0.52	\$1.32	\$0.21	\$0.00	\$0.00	\$0.48	\$2.00	\$2.52
Severe	\$0.59	\$0.04	\$0.63	\$1.72	\$0.27	\$0.00	\$0.00	\$0.63	\$2.62	\$3.25
Standby	\$0.24	\$0.04							\$0.28	

				Value TEV	Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description		12/1/2017	Main		Carrier		CWT	
M10XX031	25' - 225 HP	MARINE EQUIPMENT, BOATS & LAUNCHES, 25' LENGTH, 8' BEAM, CANOPY, INBOARD ENGINE			Gas	300	HP	D-Off	27	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.55	\$0.20	\$2.75	\$39.65	\$6.20	\$0.00	\$0.00	\$2.54	\$48.40	\$51.15
Severe	\$3.13	\$0.20	\$3.33	\$51.74	\$8.09	\$0.00	\$0.00	\$3.36	\$63.19	\$66.52
Standby	\$1.28	\$0.20							\$1.48	

* - Adjustable Elements

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Hourly Equipment Ownership and Operating Expense

M10 MARINE EQUIPMENT (NON DREDGING)

M10 0.51 BOATS & LAUNCHES, 0 THRU 250 HP

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
M10XX051	15' ALUMINUM BOAT	MARINE EQUIPMENT, BOATS & LAUNCHES, 15' LENGTH, OUTBOARD MOTOR		Gas	25	HP	D-Off		10	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.56	\$0.04	\$0.60	\$3.30	\$0.52	\$0.00	\$0.00	\$0.56	\$4.38	\$4.98
Severe	\$0.69	\$0.04	\$0.73	\$4.31	\$0.67	\$0.00	\$0.00	\$0.74	\$5.72	\$6.45
Standby	\$0.28	\$0.04							\$0.32	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
M10XX052	20' SKIFF	MARINE EQUIPMENT, BOATS & LAUNCHES, 20' LENGTH, OUTBOARD MOTOR		Gas	90	HP	D-Off		13	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.10	\$0.09	\$1.19	\$11.89	\$1.86	\$0.00	\$0.00	\$1.10	\$14.85	\$16.04
Severe	\$1.36	\$0.09	\$1.45	\$15.52	\$2.43	\$0.00	\$0.00	\$1.45	\$19.40	\$20.85
Standby	\$0.55	\$0.09							\$0.64	

* - Adjustable Elements

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Hourly Equipment Ownership and Operating Expense

M10 MARINE EQUIPMENT (NON DREDGING)

M10 0.53 BOATS & LAUNCHES, GREATER THAN 2

MARINE INLAND FABRICATORS

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
M10MZ013	STALLION	MARINE EQUIPMENT, BOATS & LAUNCHES, TRUCKABLE WORKBOAT W/PILOT HOUSE & PUSH KNEES, INBOARD, 25.25' X 12' X 4'		D-Off	400	HP	D-Off	300		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.79	\$0.69	\$9.48	\$30.75	\$5.69	\$0.00	\$0.00	\$9.48	\$45.92	\$55.40
Severe	\$10.54	\$0.70	\$11.24	\$40.67	\$7.53	\$0.00	\$0.00	\$12.08	\$60.28	\$71.52
Standby	\$4.40	\$0.69							\$5.09	

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
M10XX022	500	MARINE EQUIPMENT, BOATS & LAUNCHES, 50' LENGTH, 16' BEAM, 5' 0" DRAFT, PUSH BOAT		D-Off	750	HP	D-Off	100		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$29.61	\$2.34	\$31.95	\$57.66	\$10.68	\$0.00	\$0.00	\$31.94	\$100.27	\$132.22
Severe	\$35.53	\$2.36	\$37.89	\$76.26	\$14.12	\$0.00	\$0.00	\$40.72	\$131.10	\$168.99
Standby	\$14.81	\$2.34							\$17.15	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

M10 MARINE EQUIPMENT (NON DREDGING)

M10 0.53 BOATS & LAUNCHES, GREATER THAN 2

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
M10XX023	550	MARINE EQUIPMENT, BOATS & LAUNCHES, 55' LENGTH, 24' BEAM, 7' 5" DRAFT PUSH BOAT		D-Off	710	HP	D-Off	100		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$147.41	\$11.64	\$159.05	\$54.58	\$10.11	\$0.00	\$0.00	\$158.99	\$223.67	\$382.72
Severe	\$176.89	\$11.77	\$188.66	\$72.19	\$13.37	\$0.00	\$0.00	\$202.71	\$288.27	\$476.93
Standby	\$73.71	\$11.64							\$85.35	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
M10XX024	600	MARINE EQUIPMENT, BOATS & LAUNCHES, 60' LENGTH, 26' BEAM, 8' 0" DRAFT, PUSH BOAT		D-Off	2100	HP	D-Off	130		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$83.65	\$6.60	\$90.25	\$161.45	\$29.89	\$0.00	\$0.00	\$90.22	\$281.56	\$371.81
Severe	\$100.38	\$6.68	\$107.06	\$213.53	\$39.54	\$0.00	\$0.00	\$115.03	\$368.10	\$475.16
Standby	\$41.83	\$6.60							\$48.43	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

M10 MARINE EQUIPMENT (NON DREDGING)

M10 0.53 BOATS & LAUNCHES, GREATER THAN 2

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
M10XX032	25'	MARINE EQUIPMENT, BOATS & LAUNCHES, 25' PUSHBOAT LENGTH, 14' BEAM, 5' DRAFT, PUSH BOAT, INBOARD ENGINES		D-Off	400	HP	D-Off	380		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$10.31	\$0.81	\$11.12	\$30.75	\$5.69	\$0.00	\$0.00	\$11.12	\$47.57	\$58.69
Severe	\$12.38	\$0.82	\$13.20	\$40.67	\$7.53	\$0.00	\$0.00	\$14.18	\$62.38	\$75.58
Standby	\$5.16	\$0.81							\$5.97	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
M10XX035	25'	MARINE EQUIPMENT, BOATS & LAUNCHES, 25.25' LENGTH, 14' BEAM, 3.5' DRAFT, PUSH BOAT, INBOARD ENGINES		D-Off	600	HP	D-Off	290		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$11.68	\$0.92	\$12.60	\$46.13	\$8.54	\$0.00	\$0.00	\$12.59	\$67.26	\$79.86
Severe	\$14.01	\$0.93	\$14.94	\$61.01	\$11.30	\$0.00	\$0.00	\$16.06	\$88.36	\$103.30
Standby	\$5.84	\$0.92							\$6.76	

* - Adjustable Elements

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Hourly Equipment Ownership and Operating Expense

M10 MARINE EQUIPMENT (NON DREDGING)

M10 0.53 BOATS & LAUNCHES, GREATER THAN 2

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT	
M10XX037	28' - 300 HP	MARINE EQUIPMENT, BOATS & LAUNCHES, 28' LENGTH, 9.5' BEAM, ENCLOSED CABIN, OUTBOARD ENGINE		Gas	300	HP	D-Off	1	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.05	\$0.32	\$4.37	\$39.65	\$6.20	\$0.00	\$0.00	\$4.37	\$50.22	\$54.59
Severe	\$4.86	\$0.32	\$5.18	\$51.74	\$8.09	\$0.00	\$0.00	\$5.57	\$65.40	\$70.58
Standby	\$2.03	\$0.32							\$2.35	

			Value TEV	Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT	
M10XX038	34' - 500 HP	MARINE EQUIPMENT, BOATS & LAUNCHES, 34' LENGTH, ENCLOSED CABIN, OUTBOARD ENGINE		Gas	500	HP	D-Off	1	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.94	\$0.71	\$9.65	\$66.08	\$10.33	\$0.00	\$0.00	\$9.64	\$86.06	\$95.71
Severe	\$10.73	\$0.71	\$11.44	\$86.24	\$13.49	\$0.00	\$0.00	\$12.30	\$112.02	\$123.46
Standby	\$4.47	\$0.71							\$5.18	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

M10 MARINE EQUIPMENT (NON DREDGING)

M10 0.53 BOATS & LAUNCHES, GREATER THAN 2

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
M10XX039	35'	MARINE EQUIPMENT, BOATS & LAUNCHES, 35' PUSHBOAT LENGTH, 16' BEAM, 6' DRAFT, PUSH BOAT, INBOARD ENGINES		D-Off	600	HP	D-Off	500		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$17.21	\$1.36	\$18.57	\$46.13	\$8.54	\$0.00	\$0.00	\$18.56	\$73.23	\$91.80
Severe	\$20.65	\$1.37	\$22.02	\$61.01	\$11.30	\$0.00	\$0.00	\$23.67	\$95.97	\$117.99
Standby	\$8.61	\$1.36							\$9.97	

M10 0.54 TUGS, UNDER 1,000 HP

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
M10XX013	250 HD	MARINE EQUIPMENT, BOATS & LAUNCHES, 25', SHALLOW DRAFT, INLAND TUG, HEAVY DUTY		D-Off	660	HP	D-Off	23		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.76	\$0.98	\$6.74	\$47.47	\$8.79	\$0.00	\$0.00	\$6.99	\$63.25	\$69.99
Standby	\$2.88	\$0.98							\$3.86	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

M10 MARINE EQUIPMENT (NON DREDGING)

M10 0.54 TUGS, UNDER 1,000 HP

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
M10XX015	250	MARINE EQUIPMENT, BOATS & LAUNCHES, 25' X 14', INLAND TUG		D-Off	305	HP	D-Off	83		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.26	\$0.72	\$4.98	\$21.94	\$4.06	\$0.00	\$0.00	\$5.17	\$31.17	\$36.15
Standby	\$2.13	\$0.72							\$2.85	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
M10XX021	390	MARINE EQUIPMENT, BOATS & LAUNCHES, 39', STANDARD RUDDER, INLAND TUG		D-Off	380	HP	D-Off	100		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$15.53	\$2.64	\$18.17	\$27.33	\$5.06	\$0.00	\$0.00	\$18.85	\$51.24	\$69.41
Standby	\$7.77	\$2.64							\$10.41	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P10 PILE HAMMER ACCESSORIES - EXTRACTORS & BOX LEADS

P10 0.00 PILE HAMMER ACCESSORIES - EXTRACT

HAMMER & STEEL

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT
P10HS006	1' L SWING	8" X 21" SWINGING PILE LEADS (1' LENGTH) LEAD 8X21 MULTIPLY FOR THE DESIRED HEIGHT					D-Off		D-Off		2
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$0.04	\$0.00	\$0.04	\$0.00	\$0.00	\$0.00	\$0.00	\$0.05	\$0.05	\$0.09	
Standby	\$0.02	\$0.00							\$0.02		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
P10HS007	1' L SWING	8" X 27" SWINGING PILE LEADS (1' LENGTH) LEAD 8X27 MULTIPLY FOR THE DESIRED HEIGHT					D-Off		D-Off	2	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$0.04	\$0.00	\$0.04	\$0.00	\$0.00	\$0.00	\$0.00	\$0.06	\$0.06	\$0.10	
Standby	\$0.02	\$0.00							\$0.02		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
P10HS008	1' L SWING	8" X 32" SWINGING PILE LEADS (1' LENGTH) LEAD 8X32 MULTIPLY FOR THE DESIRED HEIGHT						D-Off	D-Off	2	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$0.05	\$0.00	\$0.05	\$0.00	\$0.00	\$0.00	\$0.00	\$0.07	\$0.07	\$0.12	
Standby	\$0.03	\$0.00							\$0.03		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P10 PILE HAMMER ACCESSORIES - EXTRACTORS & BOX LEADS

P10 0.00 PILE HAMMER ACCESSORIES - EXTRACT

HAMMER & STEEL

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT
P10HS009	1' L SWING	8" X 42" SWINGING PILE LEADS (1' LENGTH) LEAD 8X42 MULTIPLY FOR THE DESIRED HEIGHT					D-Off		D-Off		3
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$0.06	\$0.00	\$0.06	\$0.00	\$0.00	\$0.00	\$0.00	\$0.08	\$0.08	\$0.14	
Standby	\$0.03	\$0.00							\$0.03		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT
P10HS010	21" PRIMARY CAP	PILE CAP WITH CUSHION & STRIKER PLATE					D-Off		D-Off		10
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$0.28	\$0.01	\$0.29	\$0.00	\$0.00	\$0.00	\$0.00	\$0.43	\$0.43	\$0.72	
Standby	\$0.14	\$0.01							\$0.15		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P10 PILE HAMMER ACCESSORIES - EXTRACTORS & BOX LEADS

P10 0.00 PILE HAMMER ACCESSORIES - EXTRACT

HAMMER & STEEL

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
P10HS011	27" PRIMARY CAP	PILE CAP WITH CUSHION & STRIKER PLATE					D-Off		D-Off	12	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$0.47	\$0.02	\$0.49	\$0.00	\$0.00	\$0.00	\$0.00	\$0.71	\$0.71	\$1.20	
Standby	\$0.24	\$0.02							\$0.26		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT
P10HS012	32" PRIMARY CAP	PILE CAP WITH CUSHION & STRIKER PLATE					D-Off		D-Off		14
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$0.71	\$0.03	\$0.74	\$0.00	\$0.00	\$0.00	\$0.00	\$1.08	\$1.08	\$1.82	
Standby	\$0.36	\$0.03							\$0.39		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P10 PILE HAMMER ACCESSORIES - EXTRACTORS & BOX LEADS

P10 0.00 PILE HAMMER ACCESSORIES - EXTRACT

HAMMER & STEEL

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
P10HS013	43" PRIMARY CAP	PILE CAP WITH CUSHION & STRIKER PLATE						D-Off	D-Off	18	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$0.95	\$0.04	\$0.99	\$0.00	\$0.00	\$0.00	\$0.00	\$1.44	\$1.44	\$2.43	
Standby	\$0.48	\$0.04							\$0.52		

INTERNATIONAL CONSTRUCTION EQUIPMENT,INC

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT
P10IC010	SWING 8" X 26"	PILE HAMMER ACCESSORIES, PILE LEADS, SWING, 8" X 26" X 84'					D-Off		D-Off		101
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$3.29	\$0.15	\$3.44	\$0.00	\$0.00	\$0.00	\$0.00	\$5.00	\$5.00	\$8.44	
Standby	\$1.65	\$0.15							\$1.80		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P10 PILE HAMMER ACCESSORIES - EXTRACTORS & BOX LEADS

P10 0.00 PILE HAMMER ACCESSORIES - EXTRACT

INTERNATIONAL CONSTRUCTION EQUIPMENT,INC

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P10IC011	FIXED 8" X 26"	PILE HAMMER ACCESSORIES, PILE LEADS, FIXED, 8" X 26" X 84' (INCLUDES BOOM POINT CONNECTOR AND MODEL 55 HYDRAULIC POWER UNIT)		D-Off	51	HP	D-Off	134		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$12.26	\$0.57	\$12.83	\$3.92	\$0.61	\$0.00	\$0.00	\$18.62	\$23.15	\$35.98
Standby	\$6.13	\$0.57							\$6.70	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P10IC012	SWING 8" X 32"	PILE HAMMER ACCESSORIES, PILE LEADS, SWING, 8" X 32" X 84'		D-Off		D-Off		155		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.86	\$0.23	\$5.09	\$0.00	\$0.00	\$0.00	\$0.00	\$7.39	\$7.39	\$12.48
Standby	\$2.43	\$0.23							\$2.66	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P10 PILE HAMMER ACCESSORIES - EXTRACTORS & BOX LEADS

P10 0.00 PILE HAMMER ACCESSORIES - EXTRACT

INTERNATIONAL CONSTRUCTION EQUIPMENT,INC

			Value TEV	Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT	
P10IC013	FIXED 8" X 32"	PILE HAMMER ACCESSORIES, PILE LEADS, FIXED, 8" X 32" X 84' (INCLUDES BOOM POINT CONNECTOR AND MODEL 55 HYDRAULIC POWER UNIT)		D-Off	51	HP	D-Off	193	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$14.70	\$0.69	\$15.39	\$3.92	\$0.61	\$0.00	\$0.00	\$22.32	\$26.86	\$42.25
Standby	\$7.35	\$0.69							\$8.04	

P25 PILE HAMMERS, SINGLE ACTING

P25 0.10 PILE HAMMERS, SINGLE ACTING - DIESE

BAUER-PILECO, INC.

			Value TEV	Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT	
P25DL001	D6-42	PILE HAMMER, SINGLE ACTING, DIESEL, 10,500 FT-LBS (ADD LEADS & CRANE)		D-Off	21	HP	D-Off	36	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.77	\$0.13	\$3.90	\$1.61	\$1.20	\$0.00	\$0.00	\$5.81	\$8.62	\$12.52
Standby	\$1.89	\$0.13							\$2.02	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P25 PILE HAMMERS, SINGLE ACTING

P25 0.10 PILE HAMMERS, SINGLE ACTING - DIESE

BAUER-PILECO, INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P25DL003	D12-42	PILE HAMMER, SINGLE ACTING, DIESEL, 31,320 FT-LBS (ADD LEADS & CRANE)		D-Off	54	HP	D-Off	57		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.89	\$0.17	\$5.06	\$4.15	\$1.85	\$0.00	\$0.00	\$7.55	\$13.55	\$18.61
Standby	\$2.45	\$0.17							\$2.62	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P25DL004	D19-42	PILE HAMMER, SINGLE ACTING, DIESEL, 42,800 FT-LBS (ADD LEADS & CRANE)		D-Off	68	HP	D-Off	84		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.42	\$0.19	\$5.61	\$5.23	\$2.62	\$0.00	\$0.00	\$8.35	\$16.20	\$21.81
Standby	\$2.71	\$0.19							\$2.90	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P25DL005	D25-32	PILE HAMMER, SINGLE ACTING, DIESEL, 58,248 FT-LBS (ADD LEADS & CRANE)		D-Off	105	HP	D-Off	124		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.33	\$0.33	\$9.66	\$8.07	\$3.91	\$0.00	\$0.00	\$14.39	\$26.38	\$36.04
Standby	\$4.67	\$0.33							\$5.00	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P25 PILE HAMMERS, SINGLE ACTING

P25 0.10 PILE HAMMERS, SINGLE ACTING - DIESE

BAUER-PILECO, INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P25DL006	D30-32	PILE HAMMER, SINGLE ACTING, DIESEL, 69,898 FT-LBS (ADD LEADS & CRANE)		D-Off	119	HP	D-Off	135		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.51	\$0.33	\$9.84	\$9.15	\$4.73	\$0.00	\$0.00	\$14.67	\$28.55	\$38.39
Standby	\$4.76	\$0.33							\$5.09	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P25DL008	D46-32	PILE HAMMER, SINGLE ACTING, DIESEL, 107,177 FT-LBS (ADD LEADS & CRANE)		D-Off	196	HP	D-Off	196		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$11.80	\$0.41	\$12.21	\$15.07	\$7.66	\$0.00	\$0.00	\$18.20	\$40.92	\$53.13
Standby	\$5.90	\$0.41							\$6.31	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P25DL009	D62-22	PILE HAMMER, SINGLE ACTING, DIESEL, 165,000 FT-LBS (ADD LEADS & CRANE)		D-Off	249	HP	D-Off	270		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$22.60	\$0.79	\$23.39	\$19.14	\$9.59	\$0.00	\$0.00	\$34.85	\$63.59	\$86.98
Standby	\$11.30	\$0.79							\$12.09	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P25 PILE HAMMERS, SINGLE ACTING

P25 0.10 PILE HAMMERS, SINGLE ACTING - DIESE

BAUER-PILECO, INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P25DL010	D80-23	PILE HAMMER, SINGLE ACTING, DIESEL, 225,000 FT-LBS (ADD LEADS & CRANE)		D-Off	290	HP	D-Off	373		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$32.50	\$1.14	\$33.64	\$22.30	\$11.74	\$0.00	\$0.00	\$50.12	\$84.16	\$117.80
Standby	\$16.25	\$1.14							\$17.39	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P25DL011	D100-23	PILE HAMMER, SINGLE ACTING, DIESEL, 300,000 FT-LBS (ADD LEADS & CRANE)		D-Off	362	HP	D-Off	449		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$32.16	\$1.12	\$33.28	\$27.83	\$14.25	\$0.00	\$0.00	\$49.59	\$91.68	\$124.96
Standby	\$16.08	\$1.12							\$17.20	

MKT MANUFACTURING, INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P25MK001	D12-42	PILE HAMMER, SINGLE ACTING, DIESEL, 31,335 FT-LBS (ADD LEADS & CRANE)		D-Off	39	HP	D-Off	52		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.13	\$0.14	\$4.27	\$3.00	\$0.47	\$0.00	\$0.00	\$6.37	\$9.84	\$14.11
Standby	\$2.07	\$0.14							\$2.21	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P25 PILE HAMMERS, SINGLE ACTING

P25 0.10 PILE HAMMERS, SINGLE ACTING - DIESE

MKT MANUFACTURING, INC.

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
P25MK002	D62-22	PILE HAMMER, SINGLE ACTING, DIESEL, 162,000 FT-LBS (ADD LEADS & CRANE)			D-Off	171	HP	D-Off	321	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$16.20	\$0.57	\$16.77	\$13.15	\$2.06	\$0.00	\$0.00	\$24.98	\$40.19	\$56.96
Standby	\$8.10	\$0.57							\$8.67	

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
P25MK003	D30-32	PILE HAMMER, SINGLE ACTING, DIESEL, 69,937 FT-LBS (ADD LEADS & CRANE)			D-Off	85	HP	D-Off	160	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.62	\$0.27	\$7.89	\$6.53	\$1.02	\$0.00	\$0.00	\$11.75	\$19.30	\$27.19
Standby	\$3.81	\$0.27							\$4.08	

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
P25MK004	D100-13	PILE HAMMER, SINGLE ACTING, DIESEL, 246,000 FT-LBS (ADD LEADS & CRANE)			D-Off	256	HP	D-Off	529	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$27.28	\$0.95	\$28.23	\$19.68	\$3.08	\$0.00	\$0.00	\$42.08	\$64.84	\$93.07
Standby	\$13.64	\$0.95							\$14.59	

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

P25 PILE HAMMERS, SINGLE ACTING

P25 0.20 PILE HAMMERS, SINGLE ACTING - PNEU

VULCAN HAMMER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P25VU002	306	PILE HAMMER, SINGLE ACTING, PNUEMATIC (STEAM/AIR), 18,000 FT-LBS (ADD 750 CFM COMPRESSOR, LEADS & CRANE)		Air	750	CFM	D-Off	121		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.17	\$0.29	\$9.46	\$0.00	\$2.50	\$0.00	\$0.00	\$13.31	\$15.81	\$25.27
Standby	\$4.59	\$0.29							\$4.88	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P25VU003	505	PILE HAMMER, SINGLE ACTING, PNUEMATIC (STEAM/AIR), 25,000 FT-LBS (ADD 600 CFM COMPRESSOR, LEADS & CRANE)		Air	600	CFM	D-Off	127		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$11.21	\$0.36	\$11.57	\$0.00	\$2.50	\$0.00	\$0.00	\$16.28	\$18.78	\$30.35
Standby	\$5.61	\$0.36							\$5.97	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P25 PILE HAMMERS, SINGLE ACTING

P25 0.20 PILE HAMMERS, SINGLE ACTING - PNEU

VULCAN HAMMER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P25VU004	506	PILE HAMMER, SINGLE ACTING, PNUEMATIC (STEAM/AIR), 32,500 FT-LBS (ADD 900 CFM COMPRESSOR, LEADS & CRANE)		Air	900	CFM	D-Off	140		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$11.49	\$0.37	\$11.86	\$0.00	\$2.50	\$0.00	\$0.00	\$16.68	\$19.18	\$31.04
Standby	\$5.75	\$0.37							\$6.12	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P25VU005	508	PILE HAMMER, SINGLE ACTING, PNUEMATIC (STEAM/AIR), 40,000 FT-LBS (ADD 900 CFM COMPRESSOR, LEADS & CRANE)		Air	900	CFM	D-Off	202		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$15.48	\$0.49	\$15.97	\$0.00	\$2.50	\$0.00	\$0.00	\$22.48	\$24.98	\$40.95
Standby	\$7.74	\$0.49							\$8.23	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P25 PILE HAMMERS, SINGLE ACTING

P25 0.20 PILE HAMMERS, SINGLE ACTING - PNEU

VULCAN HAMMER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P25VU010	510	PILE HAMMER, SINGLE ACTING, PNUEMATIC (STEAM/AIR), 50,000 FT-LBS (ADD 1,050 CFM COMPRESSOR, LEADS & CRANE)		Air	1050	CFM	D-Off	222		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$15.95	\$0.51	\$16.46	\$0.00	\$0.95	\$0.00	\$0.00	\$23.16	\$24.11	\$40.57
Standby	\$7.98	\$0.51							\$8.49	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P25VU011	512	PILE HAMMER, SINGLE ACTING, PNUEMATIC (STEAM/AIR), 60,000 FT-LBS (ADD 1,200 CFM COMPRESSOR, LEADS & CRANE)		Air	1200	CFM	D-Off	242		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$16.03	\$0.51	\$16.54	\$0.00	\$1.17	\$0.00	\$0.00	\$23.27	\$24.44	\$40.98
Standby	\$8.02	\$0.51							\$8.53	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P30 PILE HAMMERS, DRIVER/ EXTRACTOR, VIBRATORY

P30 0.00 PILE HAMMERS, DRIVER/ EXTRACTOR, VI

HAMMER & STEEL

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P30HS001	44 HS	CRANE SUSPENDED VIBRATORY HAMMER/ EXTRACTOR, 180 TON DRIVE FORCE, MAX LINE PULL OF 86 TONS		D-Off	575	HP	D-Off	345		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$50.41	\$1.76	\$52.17	\$44.21	\$6.91	\$0.00	\$0.00	\$77.75	\$128.87	\$181.04
Standby	\$25.21	\$1.76							\$26.97	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P30HS002	HVR100	EXCAVATOR MOUNTED VIBRATORY HAMMER, 56 TON DRIVING FORCE, ADD 235HP - 300HP EXCAVATOR		D-Off		D-Off		51		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.85	\$0.34	\$10.19	\$0.00	\$0.00	\$0.00	\$0.00	\$15.19	\$15.19	\$25.38
Standby	\$4.93	\$0.34							\$5.27	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P30 PILE HAMMERS, DRIVER/ EXTRACTOR, VIBRATORY

P30 0.00 PILE HAMMERS, DRIVER/ EXTRACTOR, VI

HAMMER & STEEL

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P30HS003	58HS	CRANE SUSPENDED VIBRATORY HAMMER/EXTRACTOR, 199 TON DRIVE FORCE, MAX LINE PULL OF 70 TONS		D-Off	595	HP	D-Off	370		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$38.14	\$1.33	\$39.47	\$45.74	\$7.15	\$0.00	\$0.00	\$58.83	\$111.72	\$151.19
Standby	\$19.07	\$1.33							\$20.40	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P30HS004	HVR60	EXCAVATOR MOUNTED VIBRATORY HAMMER, 45 TON DRIVING FORCE, ADD 130HP - 235HP EXCAVATOR		D-Off		D-Off		30		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.31	\$0.22	\$6.53	\$0.00	\$0.00	\$0.00	\$0.00	\$9.74	\$9.74	\$16.27
Standby	\$3.16	\$0.22							\$3.38	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P30 PILE HAMMERS, DRIVER/ EXTRACTOR, VIBRATORY

P30 0.00 PILE HAMMERS, DRIVER/ EXTRACTOR, VI

HAMMER & STEEL

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
P30HS005	HVR85	EXCAVATOR MOUNTED VIBRATORY HAMMER, 55 TON DRIVING FORCE, ADD 175HP - 300HP EXCAVATOR						D-Off	D-Off	50	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$9.35	\$0.33	\$9.68	\$0.00	\$0.00	\$0.00	\$0.00	\$14.42	\$14.42	\$24.10	
Standby	\$4.68	\$0.33							\$5.01		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT
P30HS014	15HS	CRANE SUSPENDED VIBRATORY HAMMER/ EXTRACTOR, 58 TON DRIVE FORCE, MAX LINE PULL OF 35 TONS						D-Off	215 HP	D-Off	125
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$17.20	\$0.60	\$17.80	\$16.53	\$2.59	\$0.00	\$0.00	\$26.53	\$45.65	\$63.45	
Standby	\$8.60	\$0.60							\$9.20		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P30 PILE HAMMERS, DRIVER/ EXTRACTOR, VIBRATORY

P30 0.00 PILE HAMMERS, DRIVER/ EXTRACTOR, VI

HAMMER & STEEL

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P30HS015	26HS	CRANE SUSPENDED VIBRATORY HAMMER/ EXTRACTOR, 95 TON DRIVE FORCE, MAX LINE PULL OF 55 TONS		D-Off	350	HP	D-Off	217		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$37.96	\$1.33	\$39.29	\$26.91	\$4.21	\$0.00	\$0.00	\$58.55	\$89.67	\$128.96
Standby	\$18.98	\$1.33							\$20.31	

INTERNATIONAL CONSTRUCTION EQUIPMENT,INC

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P30IC001	22D	PILE HAMMER, VIBRATORY DRIVER/EXTRACTOR, 104 TON DRIVE FORCE, 100 TON MAX PULL, INCLUDES MODEL 350 HYDRAULIC POWER UNIT (ADD CRANE)		D-Off	350	HP	D-Off	105		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$29.79	\$1.04	\$30.83	\$26.91	\$4.21	\$0.00	\$0.00	\$45.95	\$77.07	\$107.90
Standby	\$14.90	\$1.04							\$15.94	

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

P30 PILE HAMMERS, DRIVER/ EXTRACTOR, VIBRATORY

P30 0.00 PILE HAMMERS, DRIVER/ EXTRACTOR, VI

MKT MANUFACTURING, INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
P30MK001	V5E W/ HP185	PILE HAMMER, DRIVER/EXTRACTOR, VIBRATORY, 53 TON FORCE DRIVE (ADD CRANE)		D-Off	185	HP	D-Off		128	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$19.95	\$0.70	\$20.65	\$14.22	\$2.22	\$0.00	\$0.00	\$30.77	\$47.21	\$67.86
Standby	\$9.98	\$0.70							\$10.68	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
P30MK002	V2E W/ HP85	PILE HAMMER, DRIVER/EXTRACTOR, VIBRATORY, 25 TON FORCE DRIVE (ADD CRANE)		D-Off	85	HP	D-Off		56	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$11.74	\$0.41	\$12.15	\$6.53	\$1.02	\$0.00	\$0.00	\$18.10	\$25.65	\$37.80
Standby	\$5.87	\$0.41							\$6.28	

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

P30 PILE HAMMERS, DRIVER/ EXTRACTOR, VIBRATORY

P30 0.00 PILE HAMMERS, DRIVER/ EXTRACTOR, VI

MKT MANUFACTURING, INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P30MK003	V22 W/ HP365	PILE HAMMER, DRIVER/EXTRACTOR, VIBRATORY, 100 TON FORCE DRIVE (ADD CRANE)		D-Off	365	HP	D-Off	206		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$29.87	\$1.04	\$30.91	\$28.06	\$4.39	\$0.00	\$0.00	\$46.06	\$78.51	\$109.42
Standby	\$14.94	\$1.04							\$15.98	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P30MK004	V52 W/ HP700	PILE HAMMER, DRIVER/EXTRACTOR, VIBRATORY, 201 TON FORCE DRIVE (ADD CRANE)		D-Off	700	HP	D-Off	340		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$50.03	\$1.75	\$51.78	\$53.82	\$8.42	\$0.00	\$0.00	\$77.16	\$139.40	\$191.18
Standby	\$25.02	\$1.75							\$26.77	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P35 PIPELAYERS

P35 0.00 PIPELAYERS

CATERPILLAR INC. (MACHINE DIVISION)

						Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description				12/1/2017	Main		Carrier		CWT
P35CA010	PL61	PIPELAYER, 18' BOOM, 40,000 LBS CAPACITY					D-Off	125	HP	D-Off	354
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$21.78	\$1.65	\$23.43	\$5.27	\$1.03	\$0.00	\$0.00	\$32.45	\$38.75	\$62.18	
Severe	\$26.51	\$1.67	\$28.18	\$6.82	\$1.33	\$0.00	\$0.00	\$45.74	\$53.89	\$82.07	
Standby	\$10.89	\$1.65							\$12.54		

						Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description				12/1/2017	Main		Carrier		CWT
P35CA011	PL83	PIPELAYER, 24' BOOM, 170,000 LBS CAPACITY					D-Off	319	HP	D-Off	859
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$55.79	\$4.21	\$60.00	\$13.45	\$2.63	\$0.00	\$0.00	\$83.13	\$99.20	\$159.20	
Severe	\$67.92	\$4.27	\$72.19	\$17.40	\$3.40	\$0.00	\$0.00	\$117.17	\$137.98	\$210.17	
Standby	\$27.90	\$4.21							\$32.11		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P35 PIPELAYERS

P350.00PIPELAYERS

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P35CA012	PL87	PIPELAYER, 28' BOOM, 216,000 LBS CAPACITY		D-Off	323	HP	D-Off	906		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$66.05	\$4.99	\$71.04	\$13.62	\$2.66	\$0.00	\$0.00	\$98.42	\$114.70	\$185.74
Severe	\$80.41	\$5.05	\$85.46	\$17.62	\$3.44	\$0.00	\$0.00	\$138.73	\$159.79	\$245.25
Standby	\$33.03	\$4.99							\$38.02	

P40 PLATFORMS & MAN-LIFTS

P400.00PLATFORMS & MAN-LIFTS

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P40XX025	COMMANDER 4047	DIGGER DERRICK, 47' SHEAVE HEIGHT WITH 35' HORIZONTAL REACH, 25K LB LOAD CAPACITY, MOUNTED ON FREIGHTLINER M2 TRUCK		D-On	300	HP	D-Off	330		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$22.60	\$0.87	\$23.47	\$21.53	\$2.95	\$0.62	\$0.11	\$24.35	\$49.56	\$73.03
Standby	\$11.30	\$0.87							\$12.17	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P40 PLATFORMS & MAN-LIFTS

P40 0.00 PLATFORMS & MAN-LIFTS

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P40XX026	COMMANDER 6000	MAN-LIFT, LINE-TRUCK, W/ 13.5T LIFT CAPACITY BOOM, 60' MAX SHEAVE HEIGHT, 18" DIA AUGER, POLE GUIDES, MOUNTED ON FREIGHTLINER M2 6X6 56KGVW TRUCK CHASSIS		D-On	380	HP	D-Off	310		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$28.00	\$1.08	\$29.08	\$27.27	\$3.73	\$0.93	\$0.16	\$30.18	\$62.27	\$91.35
Standby	\$14.00	\$1.08							\$15.08	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P40XX027	HR37M	MAN-LIFT, LINE-TRUCK, W/ 1,000 LB MATERIAL HANDLER, SINGLE MAN BUCKET W/ 42' MAX WORKING HEIGHT. MOUNTED ON FORD F550 4X4		D-On	300	HP	D-Off	120		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$12.82	\$0.49	\$13.31	\$21.53	\$2.95	\$0.28	\$0.05	\$13.81	\$38.61	\$51.92
Standby	\$6.41	\$0.49							\$6.90	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P40 PLATFORMS & MAN-LIFTS

P40 0.00 PLATFORMS & MAN-LIFTS

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P40XX028	LTM40	MAN-LIFT, LINE-TRUCK, W/ 800 LB MATERIAL HANDLER, SINGLE MAN BUCKET W/ 45' MAX WORKING HEIGHT. MOUNTED ON FORD F550 4X4		D-On	300	HP	D-Off	130		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$15.09	\$0.57	\$15.66	\$21.53	\$2.95	\$0.28	\$0.05	\$16.25	\$41.05	\$56.71
Standby	\$7.55	\$0.57							\$8.12	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P40XX029	TM105	MAN-LIFT, LINE-TRUCK, W/ 1,500 LB MATERIAL HANDLER, SINGLE MAN BUCKET W/ 105' MAX WORKING HEIGHT. MOUNTED ON FREIGHTLINER M2 6X4 56KGVW TRUCK CHASSIS		D-On	360	HP	D-Off	450		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$53.86	\$2.05	\$55.91	\$25.83	\$3.53	\$0.93	\$0.16	\$57.99	\$88.45	\$144.36
Standby	\$26.93	\$2.05							\$28.98	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P40 PLATFORMS & MAN-LIFTS

P40 0.00 PLATFORMS & MAN-LIFTS

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P40XX030	XT55	MAN-LIFT, LINE-TRUCK, W/ 1,000 LB MATERIAL HANDLER, SINGLE MAN BUCKET W/ 60' MAX WORKING HEIGHT. MOUNTED ON FORD F750 4X2		D-On	270	HP	D-Off	170		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$14.08	\$0.54	\$14.62	\$19.38	\$2.65	\$0.28	\$0.05	\$15.16	\$37.52	\$52.14
Standby	\$7.04	\$0.54							\$7.58	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P40XX064	F550 BUCKET TRUCK	LINETRUCK, F550 WITH VERSALIFT TRUGUARD 2.0, 1000 LB CAPACITY, TOOL BOX BODY		D-On	330	HP	D-Off	195		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$14.04	\$0.54	\$14.58	\$23.68	\$3.24	\$0.28	\$0.05	\$15.12	\$42.37	\$56.95
Standby	\$7.02	\$0.54							\$7.56	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P40 PLATFORMS & MAN-LIFTS

P40 0.00 PLATFORMS & MAN-LIFTS

TEREX CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P40TE016	GRC-12	MAN-LIFT, TELESCOPIC MAST, 18' WORKING HEIGHT, 500 LBS, 24 VOLT DC, RECHARGEABLE BATTERIES, SELF PROPELLED, 2.5' X 4.5' PLATFORM		Elec	1.07	HP	D-Off	21		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.59	\$0.10	\$2.69	\$0.08	\$0.09	\$0.00	\$0.00	\$2.79	\$2.96	\$5.65
Standby	\$1.30	\$0.10							\$1.40	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P40TE018	Z-45/25RT - 4WD	MAN-LIFT, ARTICULATED BOOM, 52' WORKING HEIGHT, 500 LBS, 24' REACH, 4X4, SELF PROPELLED, 2.5' X 6' PLATFORM		D-Off	48	HP	D-Off	134		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$14.77	\$0.57	\$15.34	\$2.86	\$0.39	\$0.78	\$0.14	\$15.92	\$20.09	\$35.43
Standby	\$7.39	\$0.57							\$7.96	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P40 PLATFORMS & MAN-LIFTS

P40 0.00 PLATFORMS & MAN-LIFTS

TEREX CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P40TE019	S80X	MAN-LIFT, STRAIGHT BOOM, 86' WORKING HEIGHT, 500 LBS, 71.5' REACH, 4X4, SELF PROPELLED, 3' X 8' PLATFORM		D-Off	58	HP	D-Off	355		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$29.78	\$1.13	\$30.91	\$3.45	\$0.47	\$0.27	\$0.05	\$32.05	\$36.28	\$67.19
Standby	\$14.89	\$1.13							\$16.02	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P40TE020	Z-62/40 - 4WD W/ JIB	MAN-LIFT, ARTICULATED BOOM, 68' WORKING HEIGHT, 500 LBS, 41' REACH, 4X4, SELF PROPELLED, 3' X 8' PLATFROM		D-Off	48	HP	D-Off	219		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$22.41	\$0.85	\$23.26	\$2.86	\$0.39	\$0.27	\$0.05	\$24.12	\$27.68	\$50.94
Standby	\$11.21	\$0.85							\$12.06	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P40 PLATFORMS & MAN-LIFTS

P40 0.00 PLATFORMS & MAN-LIFTS

TEREX CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P40TE021	S60X	MAN-LIFT, STRAIGHT BOOM, 64' WORKING HEIGHT, 500 LBS, 51' REACH, 4X4, SELF PROPELLED, 3' X 8' PLATFORM		D-Off	48	HP	D-Off	208		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$21.72	\$0.82	\$22.54	\$2.86	\$0.39	\$0.27	\$0.05	\$23.38	\$26.95	\$49.49
Standby	\$10.86	\$0.82							\$11.68	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P40TE022	SX-105XC	MAN-LIFT, STRAIGHT BOOM, 111' HEIGHT, 660 LBS, 80' REACH, 4X4, SELF PROPELLED, 3' X 8' PLATFORM		D-Off	74	HP	D-Off	426		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$39.83	\$1.50	\$41.33	\$4.40	\$0.60	\$0.27	\$0.05	\$42.85	\$48.17	\$89.50
Standby	\$19.92	\$1.50							\$21.42	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P40 PLATFORMS & MAN-LIFTS

P40 0.00 PLATFORMS & MAN-LIFTS

TEREX CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P40TE023	S40	MAN-LIFT, STRAIGHT BOOM, 46' WORKING HEIGHT, 500 LBS, 32' REACH, 4X4, SELF PROPELLED, 3' X 8' PLATFORM		D-Off	48	HP	D-Off	124		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$13.94	\$0.53	\$14.47	\$2.86	\$0.39	\$0.20	\$0.04	\$15.01	\$18.50	\$32.97
Standby	\$6.97	\$0.53							\$7.50	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P40TE024	S85	MAN-LIFT, STRAIGHT BOOM, 91' HEIGHT, 500 LBS, 76.5' REACH, 4X4, SELF PROPELLED, 3' X 8' PLATFORM		D-Off	58	HP	D-Off	380		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$31.09	\$1.18	\$32.27	\$3.45	\$0.47	\$0.27	\$0.05	\$33.45	\$37.68	\$69.95
Standby	\$15.55	\$1.18							\$16.73	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P40 PLATFORMS & MAN-LIFTS

P40 0.00 PLATFORMS & MAN-LIFTS

TEREX CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
P40TE031	GS-3246	MAN-LIFT, SCISSOR, 38' (11.6 M) WORKING HEIGHT, 5,211 LB (2,364 KG), 24V DC BATTERIES, 4X2		Elec	2	HP	D-Off		52	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.44	\$0.17	\$4.61	\$0.14	\$0.08	\$0.05	\$0.01	\$4.78	\$5.06	\$9.67
Standby	\$2.22	\$0.17							\$2.39	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
P40TE032	GS-3232	MAN-LIFT, SCISSOR, 38' (11.6 M) WORKING HEIGHT, 5,185 LB (2,352 KG), 24V DC BATTERIES, 4X2		Elec	2	HP	D-Off		52	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.14	\$0.19	\$5.33	\$0.14	\$0.08	\$0.05	\$0.01	\$5.53	\$5.80	\$11.13
Standby	\$2.57	\$0.19							\$2.76	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P40 PLATFORMS & MAN-LIFTS

P40 0.00 PLATFORMS & MAN-LIFTS

TEREX CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P40TE033	GS-2032	MAN-LIFT, SCISSOR, 26' (7.9 M) WORKING HEIGHT, 3,574 LB (1,621 KG), 24V DC BATTERIES, 4X2		Elec	2	HP	D-Off	36		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.78	\$0.11	\$2.89	\$0.14	\$0.08	\$0.05	\$0.01	\$2.99	\$3.26	\$6.15
Standby	\$1.39	\$0.11							\$1.50	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P40TE034	GS-4069RT - T4F	MAN-LIFT, SCISSOR, ROUGH TERRAIN W/ OUTRIGGERS, 46' (14.02 M) WORKING HEIGHT, 11,110 LB (5,039 KG), 4X4		D-Off	24.8	HP	D-Off	111		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$11.00	\$0.44	\$11.44	\$1.48	\$0.20	\$1.03	\$0.18	\$11.91	\$14.80	\$26.24
Standby	\$5.50	\$0.44							\$5.94	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P40 PLATFORMS & MAN-LIFTS

P40 0.00 PLATFORMS & MAN-LIFTS

TEREX CORPORATION

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
P40TE035	GS-5390RT - T4F	MAN-LIFT, SCISSOR, ROUGH TERRAIN W/ OUTRIGGERS, 59' (18.15 M) WORKING HEIGHT, 18,272 LB (9,190 KG), 4X4			D-Off	48	HP	D-Off	183	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$12.50	\$0.62	\$13.12	\$2.86	\$0.39	\$9.38	\$1.62	\$13.89	\$28.13	\$41.25
Standby	\$6.25	\$0.62							\$6.87	

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
P40TE036	ZX-135/70	MAN-LIFT, ARTICULATED BOOM, 141' WORKING HEIGHT, 600 LBS, 70' REACH, 4X4, SELF-PROPELLED, 2.5' X 6' PLATFORM			D-Off	74	HP	D-Off	465	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$51.76	\$1.95	\$53.71	\$4.40	\$0.60	\$0.27	\$0.05	\$55.68	\$61.00	\$114.71
Standby	\$25.88	\$1.95							\$27.83	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P45 PUMPS, GROUT

P45 0.00 PUMPS, GROUT

AIRPLACO EQUIPMENT CO., INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P45AF003	HG-9	PUMP, GROUT, HAND PUMP, 15 CF/HR, 0-100 PSI, W/5 GAL HOPPER (ADD 1" HOSES)		D-Off		D-Off		1		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.16	\$0.01	\$0.17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.24	\$0.24	\$0.41
Standby	\$0.08	\$0.01							\$0.09	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P45AF007	PG25	PUMP, GROUT, GAS POWERED, MAX 7 CY/HR, 7 CF HOPPER, 0-500 PSI, 50' MAX VERTICAL, 200' MAX HORIZONTAL, SKID WITH CASTORS (ADD 3" HOSE)		Gas	23.5	HP	D-Off	9		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.87	\$0.08	\$1.95	\$4.53	\$0.71	\$0.00	\$0.00	\$2.72	\$7.96	\$9.91
Standby	\$0.94	\$0.08							\$1.02	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P45 PUMPS, GROUT

P45 0.00 PUMPS, GROUT

AIRPLACO EQUIPMENT CO., INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
P45AF010	PC3	PUMP, GROUT/SHOTCRETE, SELF CONTAINED W/ 7 CY/HR MIXER, HIGH PRESSURE DUAL CYLINDER PUMP, S-TUBE, TRAILER MTD		D-Off	46	HP	D-Off		38	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.43	\$0.35	\$8.78	\$5.13	\$0.70	\$0.03	\$0.01	\$12.24	\$18.11	\$26.89
Standby	\$4.22	\$0.35							\$4.57	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
P45AF012	PUMP MASTER PG35	PUMP, GROUT/SHOTCRETE, HIGH PRESSURE DUAL CYLINDER GROUT PUMP, 10 CY/HR, 500 PSI, GROUT-MUD JACK-SHOTCRETE, CART MTD, (ADD 4" HOSE)		Gas	35	HP	D-Off		14	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.90	\$0.16	\$4.06	\$6.74	\$1.05	\$0.00	\$0.00	\$5.66	\$13.45	\$17.51
Standby	\$1.95	\$0.16							\$2.11	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P45 PUMPS, GROUT

P45 0.00 PUMPS, GROUT

AIRPLACO EQUIPMENT CO., INC.

							Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description					12/1/2017	Main			Carrier	CWT
P45AF015	PG25E	PUMP, GROUT, ELECTRIC POWERED (230V/460V), MAX 6 CY/HR, 5CF HOPPER, 0-500 PSI, 50' MAX VERTICAL, 200' MAX HORIZONTAL, SKID WITH CASTORS (ADD 3" HOSES)						Elec	25	HP	D-Off	11
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$2.72	\$0.11	\$2.83	\$3.42	\$1.88	\$0.00	\$0.00	\$3.95	\$9.24	\$12.07		
Standby	\$1.36	\$0.11							\$1.47			

							Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description					12/1/2017	Main			Carrier	CWT
P45AF016	PG35	PUMP, GROUT GAS POWERED, MAX 10 CY/HR, 5 CF HOPPER, 0-500 PSI, 100' MAX VERTICAL, 300' MAX HORIZONTAL, SKID WITH CASTORS (ADD 4" HOSE)						Gas	35	HP	D-Off	14
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$3.85	\$0.16	\$4.01	\$6.74	\$1.05	\$0.00	\$0.00	\$5.60	\$13.39	\$17.40		
Standby	\$1.93	\$0.16							\$2.09			

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P45 PUMPS, GROUT

P45 0.00 PUMPS, GROUT

AIRPLACO EQUIPMENT CO., INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
P45AF017	PG35SE	PUMP, GROUT, ELECTRIC POWERED (220V/440V), MAX 10 CY/HR, 5CF HOPPER, 0-500 PSI, 100' MAX VERTICAL, 300' MAX HORIZONTAL, SKID MOUNTED (ADD 3" HOSE)		Elec	30	HP	D-Off		22	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.40	\$0.18	\$4.58	\$4.10	\$2.25	\$0.00	\$0.00	\$6.39	\$12.74	\$17.32
Standby	\$2.20	\$0.18							\$2.38	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
P45AF018	PC3	PUMP, GROUT/SHOTCRETE, 0-1300 PSI, MAX 7 CY/HR, 11 CF HOPPER, 3/4" MAX AGGREGATE, TRAILER MTD		D-Off	46	HP	D-Off		38	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.64	\$0.36	\$9.00	\$5.13	\$0.70	\$0.03	\$0.01	\$12.55	\$18.42	\$27.42
Standby	\$4.32	\$0.36							\$4.68	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P45 PUMPS, GROUT

P45 0.00 PUMPS, GROUT

CHEMGROUT, INC.

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
P45CG001	CG-050	PUMP, GROUT, MINI, AIR, 40 CF/HR, 225 PSI, PORTABLE, SKID MTD (ADD 15 CFM - 100 PSI COMPRESSOR)						D-Off	D-Off	1	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$0.41	\$0.02	\$0.43	\$0.00	\$0.05	\$0.00	\$0.00	\$0.60	\$0.65	\$1.08	
Standby	\$0.21	\$0.02							\$0.23		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
P45CG002	CG-550P	PUMP, GROUT, MIXER, AIR, 40 CF/HR, 225 PSI, SKID MTD (ADD 85 CFM - 100 PSI COMPRESSOR)						D-Off	D-Off	3	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$0.84	\$0.03	\$0.87	\$0.00	\$0.10	\$0.00	\$0.00	\$1.22	\$1.32	\$2.19	
Standby	\$0.42	\$0.03							\$0.45		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P45 PUMPS, GROUT

P45 0.00 PUMPS, GROUT

CHEMGROUT, INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier	CWT			
P45CG003	CG-500/2C6A	PUMP, GROUT, MIXER, AIR, 160 CF/HR, 160 PSI, SKID MTD, 15 GAL HOPPER & 2 - 70 GAL MIXING TANKS (ADD 250 CFM - 100 PSI COMPRESSOR)		D-Off		D-Off	12			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.00	\$0.08	\$2.08	\$0.00	\$0.15	\$0.00	\$0.00	\$2.91	\$3.06	\$5.14
Standby	\$1.00	\$0.08							\$1.08	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier	CWT			
P45CG006	CG575/3C6/DH20	PUMP, GROUT, THICK MIX, 64 CF/HR, 261 PSI, TRAILER MTD, 15 GAL HOPPER & 45 GAL MIXING TANK, W/AIR COMPRESSOR, POWER UNIT		D-Off	20	HP	D-Off	23		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.07	\$0.13	\$3.20	\$2.23	\$0.31	\$0.06	\$0.01	\$4.47	\$7.08	\$10.28
Standby	\$1.54	\$0.13							\$1.67	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P45 PUMPS, GROUT

P45 0.00 PUMPS, GROUT

CHEMGROUT, INC.

			Value TEV	Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT	
P45CG007	CG575/3C6/DH37/AC	PUMP, GROUT, SPRAY, 64 CF/HR, 261 PSI, TRAILER MTD, 15 GAL HOPPER & 45 GAL MIXING TANK, W/AIR COMPRESSOR, POWER UNIT		D-Off	37	HP	D-Off	23	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.99	\$0.17	\$4.16	\$4.13	\$0.57	\$0.06	\$0.01	\$5.80	\$10.57	\$14.73
Standby	\$2.00	\$0.17							\$2.17	

OLIN PUMP

			Value TEV	Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT	
P45OE002	5 45	PUMP, GROUT PUMP, 1,350 CF/HR, 750 PSI, 37 GAL HOPPER, TRAILER MTD, W/POWER UNIT		D-Off	74	HP	D-Off	42	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.29	\$0.22	\$5.51	\$8.26	\$1.13	\$0.03	\$0.01	\$7.69	\$17.12	\$22.63
Standby	\$2.65	\$0.22							\$2.87	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P45 PUMPS, GROUT

P45 0.00 PUMPS, GROUT

OLIN PUMP

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P45OE003	5 80	PUMP, GROUT PUMP, 2,160 CF/HR, 1100 PSI, 37 GAL HOPPER, TRAILER MTD, W/POWER UNIT		D-Off	97	HP	D-Off	48		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.40	\$0.26	\$6.66	\$10.83	\$1.48	\$0.03	\$0.01	\$9.29	\$21.65	\$28.31
Standby	\$3.20	\$0.26							\$3.46	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P45OE004	5 95	PUMP, GROUT PUMP, 2,565 CF/HR, 1100 PSI, 37 GAL HOPPER, TRAILER MTD, W/POWER UNIT		D-Off	116	HP	D-Off	56		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.34	\$0.30	\$7.64	\$12.95	\$1.77	\$0.03	\$0.01	\$10.67	\$25.43	\$33.07
Standby	\$3.67	\$0.30							\$3.97	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P45OE005	5 140CA	PUMP, GROUT PUMP, 3,780 CF/HR, 900 PSI, 37 GAL HOPPER, TRAILER MTD TANDEM, W/POWER UNIT		D-Off	173	HP	D-Off	100		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$11.66	\$0.48	\$12.14	\$19.31	\$2.64	\$0.07	\$0.01	\$16.95	\$38.98	\$51.12
Standby	\$5.83	\$0.48							\$6.31	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P45 PUMPS, GROUT

P45 0.00 PUMPS, GROUT

PUTZMEISTER INC.

			Value TEV	Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT	
P45PU001	MAGNUM	PUMP, GROUT, GROUT-MUD JACK-SHOTCRETE, HIGH PRESSURE DUAL CYLINDER GROUT PUMP, 135 CF/HR, 0 - 1,750 PSI, TRAILER MTD, W/7 CF HOPPER, 5 CF MIXER, 3" HOSE		D-Off	46	HP	D-Off	35	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.46	\$0.27	\$6.73	\$5.13	\$0.70	\$0.03	\$0.01	\$9.39	\$15.26	\$21.99
Standby	\$3.23	\$0.27							\$3.50	

P50 PUMPS, WATER, CENTRIFUGAL, TRASH

P50 0.11 ENGINE DRIVE

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT	
P50XX001	6" DIESEL	PUMP, WATER, CENTRIFUGAL, TRASH, ENGINE DRIVE, 6" DIA, 1,600 GPM, LIQUID COOLED, TRAILER MTD (ADD HOSES)		D-Off	74	HP	D-Off	29	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.88	\$0.18	\$4.06	\$7.89	\$1.46	\$0.06	\$0.01	\$5.39	\$14.81	\$18.87
Standby	\$1.94	\$0.18							\$2.12	

* - Adjustable Elements

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Hourly Equipment Ownership and Operating Expense

P50 PUMPS, WATER, CENTRIFUGAL, TRASH

P50 0.11 ENGINE DRIVE

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P50XX002	8" DIESEL	PUMP, WATER, CENTRIFUGAL, TRASH, ENGINE DRIVE, 8" DIA, 2,700 GPM, LIQUID COOLED, TRAILER MTD (ADD HOSES)		D-Off	66	HP	D-Off	42		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.33	\$0.29	\$6.62	\$7.04	\$1.30	\$0.06	\$0.01	\$8.80	\$17.21	\$23.83
Standby	\$3.17	\$0.29							\$3.46	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P50XX003	4" DIESEL	PUMP, WATER, CENTRIFUGAL, TRASH, ENGINE DRIVE, 4" DIA, 526 GPM, AIR COOLED, SKID MTD (ADD HOSES)		D-Off	10	HP	D-Off	3		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.76	\$0.03	\$0.79	\$1.07	\$0.20	\$0.00	\$0.00	\$1.06	\$2.33	\$3.12
Standby	\$0.38	\$0.03							\$0.41	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P50 PUMPS, WATER, CENTRIFUGAL, TRASH

P50 0.11 ENGINE DRIVE

WACKER CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P50WC001	PT 2A	PUMP, WATER, CENTRIFUGAL, TRASH, ENGINE DRIVE, 2" DIA, 205 GPM @ 100' HEAD (ADD HOSES)		Gas	10	HP	D-Off	1		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.17	\$0.01	\$0.18	\$1.81	\$0.28	\$0.00	\$0.00	\$0.24	\$2.33	\$2.51
Standby	\$0.09	\$0.01							\$0.10	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P50WC002	PT 3A	PUMP, WATER, CENTRIFUGAL, TRASH, ENGINE DRIVE, 3" DIA, 425 GPM @ 95' HEAD (ADD HOSES)		D-Off	15	HP	D-Off	2		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.19	\$0.01	\$0.20	\$1.60	\$0.30	\$0.00	\$0.00	\$0.26	\$2.16	\$2.36
Standby	\$0.10	\$0.01							\$0.11	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P50 PUMPS, WATER, CENTRIFUGAL, TRASH

P50 0.11 ENGINE DRIVE

WACKER CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P50WC003	PTS 4V	PUMP, WATER, CENTRIFUGAL, TRASH, ENGINE DRIVE, 4" DIA, 705 GPM @ 106' HEAD (ADD HOSES)		D-Off	16	HP	D-Off	3		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.34	\$0.02	\$0.36	\$1.71	\$0.32	\$0.00	\$0.00	\$0.47	\$2.50	\$2.86
Standby	\$0.17	\$0.02							\$0.19	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P50WC004	PT6LT	PUMP, WATER, CENTRIFUGAL, TRASH, ENGINE DRIVE, 6" DIA, 1,300 GPM @ 100' HEAD ,TRAILER MTD (ADD HOSES)		D-Off	33	HP	D-Off	25		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.12	\$0.10	\$2.22	\$3.52	\$0.65	\$0.06	\$0.01	\$2.95	\$7.18	\$9.40
Standby	\$1.06	\$0.10							\$1.16	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P50 PUMPS, WATER, CENTRIFUGAL, TRASH

P50 0.31 PUMPS, WATER, CENTRIFUGAL, TRASH -

GORMAN-RUPP COMPANY

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
P50GR001	C221-90	PUMP HOSE, SUCTION, 2" DIA X 20' WITH COUPLING (PER SECTION)						D-Off	D-Off	1	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$0.03	\$0.00	\$0.03	\$0.00	\$0.00	\$0.00	\$0.00	\$0.07	\$0.07	\$0.10	
Standby	\$0.02	\$0.00							\$0.02		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
P50GR002	C356-90	PUMP HOSE, SUCTION, 3" DIA X 20' WITH COUPLING (PER SECTION)						D-Off	D-Off	1	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$0.05	\$0.00	\$0.05	\$0.00	\$0.00	\$0.00	\$0.00	\$0.10	\$0.10	\$0.15	
Standby	\$0.03	\$0.00							\$0.03		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
P50GR003	C357-90	PUMP HOSE, SUCTION, 4" DIA X 20' WITH COUPLING (PER SECTION)						D-Off	D-Off	1	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$0.09	\$0.00	\$0.09	\$0.00	\$0.00	\$0.00	\$0.00	\$0.17	\$0.17	\$0.26	
Standby	\$0.05	\$0.00							\$0.05		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P50 PUMPS, WATER, CENTRIFUGAL, TRASH

P50 0.31 PUMPS, WATER, CENTRIFUGAL, TRASH -

GORMAN-RUPP COMPANY

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
P50GR004	C354-90	PUMP HOSE, SUCTION, 6" DIA X 20' WITH COUPLING (PER SECTION)						D-Off	D-Off	1	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$0.15	\$0.00	\$0.15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.31	\$0.31	\$0.46	
Standby	\$0.08	\$0.00							\$0.08		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
P50GR005	C373-90	PUMP HOSE, DISCH, 2" DIA X 50' WITH COUPLING (PER SECTION)						D-Off	D-Off	1	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$0.03	\$0.00	\$0.03	\$0.00	\$0.00	\$0.00	\$0.00	\$0.06	\$0.06	\$0.09	
Standby	\$0.02	\$0.00							\$0.02		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
P50GR006	C374-90	PUMP HOSE, DISCH, 3" DIA X 50' WITH COUPLING (PER SECTION)						D-Off	D-Off	1	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$0.04	\$0.00	\$0.04	\$0.00	\$0.00	\$0.00	\$0.00	\$0.09	\$0.09	\$0.13	
Standby	\$0.02	\$0.00							\$0.02		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P50 PUMPS, WATER, CENTRIFUGAL, TRASH

P50 0.31 PUMPS, WATER, CENTRIFUGAL, TRASH -

GORMAN-RUPP COMPANY

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
P50GR007	C375-90	PUMP HOSE, DISCH, 4" DIA X 50' WITH COUPLING (PER SECTION)						D-Off	D-Off	2	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$0.07	\$0.00	\$0.07	\$0.00	\$0.00	\$0.00	\$0.00	\$0.14	\$0.14	\$0.21	
Standby	\$0.04	\$0.00							\$0.04		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT
P50GR008	C376-90	PUMP HOSE, DISCH, 6" DIA X 50' WITH COUPLING (PER SECTION)					D-Off		D-Off		3
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$0.13	\$0.00	\$0.13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.26	\$0.26	\$0.39	
Standby	\$0.07	\$0.00							\$0.07		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P55 PUMPS, WATER, SUBMERSIBLE

P55 0.01 ENGINE DRIVE

GRIFFIN DEWATERING CORP.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P55GF001	04MH & 250HPND	PUMP, WATER, SUBMERSIBLE, 4" DIA, 455 GPM MAX FLOW, 59' MAX HEAD (INCLUDES TRAILER MTD POWER UNIT MODEL 250)(ADD HOSES)		D-Off	21	HP	D-Off	19		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.89	\$0.13	\$3.02	\$2.24	\$0.41	\$0.10	\$0.02	\$4.47	\$7.25	\$10.27
Standby	\$1.45	\$0.13							\$1.58	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P55GF002	06T & 250HPND	PUMP, WATER, SUBMERSIBLE, 6" DIA, 990 GPM MAX FLOW, 72' MAX HEAD (INCLUDES TRAILER MTD HPU MODEL 250HPND)(ADD HOSES)		D-Off	21	HP	D-Off	31		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.13	\$0.14	\$3.27	\$2.24	\$0.41	\$0.10	\$0.02	\$4.85	\$7.62	\$10.89
Standby	\$1.57	\$0.14							\$1.71	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P55 PUMPS, WATER, SUBMERSIBLE

P55 0.01 ENGINE DRIVE

GRIFFIN DEWATERING CORP.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P55GF003	04MHL & 400HPND	PUMP, WATER, SUBMERSIBLE, 4" DIA, 900 GPM MAX FLOW, 112' MAX HEAD (INCLUDES TRAILER MTD HPU MODEL 400HPND)(ADD HOSES)		D-Off	72	HP	D-Off	19		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.03	\$0.18	\$4.21	\$7.68	\$1.42	\$0.10	\$0.02	\$6.24	\$15.45	\$19.66
Standby	\$2.02	\$0.18							\$2.20	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P55GF004	06MH & 400HPND	PUMP, WATER, SUBMERSIBLE, 6" DIA, 1500 GPM MAX FLOW, 80' MAX HEAD (INCLUDES TRAILER MTD HPU MODEL 400HPND)(ADD HOSES)		D-Off	72	HP	D-Off	31		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.19	\$0.19	\$4.38	\$7.68	\$1.42	\$0.10	\$0.02	\$6.48	\$15.70	\$20.08
Standby	\$2.10	\$0.19							\$2.29	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P55 PUMPS, WATER, SUBMERSIBLE

P55 0.01 ENGINE DRIVE

GRIFFIN DEWATERING CORP.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P55GF005	06MHL & 825 HPND	PUMP, WATER, SUBMERSIBLE, 6" DIA, 1800 GPM MAX FLOW, 119' MAX HEAD (INCLUDES TRAILER MTD HPU MODEL 600HPND)(ADD HOSES)		D-Off	113	HP	D-Off	39		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.74	\$0.26	\$6.00	\$12.05	\$2.23	\$0.10	\$0.02	\$8.87	\$23.27	\$29.27
Standby	\$2.87	\$0.26							\$3.13	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P55GF006	12T & 825HPND	PUMP, WATER, SUBMERSIBLE, 12" DIA, 5000 GPM MAX FLOW, 55' MAX HEAD (INCLUDES TRAILER MTD HPU MODEL 825HPND)(ADD HOSES)		D-Off	140	HP	D-Off	39		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.10	\$0.28	\$6.38	\$14.93	\$2.76	\$0.10	\$0.02	\$9.43	\$27.24	\$33.62
Standby	\$3.05	\$0.28							\$3.33	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P55 PUMPS, WATER, SUBMERSIBLE

P55 0.01 ENGINE DRIVE

GRIFFIN DEWATERING CORP.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P55GF008	08T & 400HPND	PUMP, WATER, SUBMERSIBLE, 8" DIA, 1490 GPM MAX FLOW, 80' MAX HEAD (INCLUDES TRAILER MTD HPU MODEL 400HPND)(ADD HOSES)		D-Off	72	HP	D-Off	31		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.25	\$0.19	\$4.44	\$7.68	\$1.42	\$0.10	\$0.02	\$6.57	\$15.79	\$20.23
Standby	\$2.13	\$0.19							\$2.32	

P55 0.02 ELECTRIC DRIVE (PROVIDE POWER SOU

GORMAN-RUPP COMPANY

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P55GR001	S2A1	PUMP, WATER, SUBMERSIBLE, ELECTRIC, 2" DIA, 138 GPM @ 20' HEAD (ADD HOSES), 115V 1-PHASE		Elec	2	HP	D-Off	2		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.57	\$0.02	\$0.59	\$0.26	\$0.14	\$0.00	\$0.00	\$0.50	\$0.90	\$1.49
Standby	\$0.29	\$0.02							\$0.31	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P55 PUMPS, WATER, SUBMERSIBLE

P55 0.02 ELECTRIC DRIVE (PROVIDE POWER SOU

GORMAN-RUPP COMPANY

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
P55GR002	S3A1	PUMP, WATER, SUBMERSIBLE, ELECTRIC, 3" DIA, 278 GPM @ 20' HEAD (ADD HOSES), 230V 1-PHASE		Elec	5	HP	D-Off		3	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.64	\$0.03	\$0.67	\$0.65	\$0.36	\$0.00	\$0.00	\$0.56	\$1.57	\$2.24
Standby	\$0.32	\$0.03							\$0.35	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
P55GR003	S4A1	PUMP, WATER, SUBMERSIBLE, ELECTRIC, 4" DIA, 860 GPM @ 40' HEAD (ADD HOSES), 460V 3-PHASE		Elec	25	HP	D-Off		7	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.66	\$0.07	\$1.73	\$3.24	\$1.78	\$0.00	\$0.00	\$1.44	\$6.46	\$8.19
Standby	\$0.83	\$0.07							\$0.90	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P55 PUMPS, WATER, SUBMERSIBLE

P55 0.02 ELECTRIC DRIVE (PROVIDE POWER SOU

GORMAN-RUPP COMPANY

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P55GR004	S6A1-E60 460/3	PUMP, WATER, SUBMERSIBLE, ELECTRIC, 6" DIA, 1,950 GPM @ 40' HEAD (ADD HOSES)		Elec	60	HP	D-Off	11		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.45	\$0.10	\$2.55	\$7.78	\$4.27	\$0.00	\$0.00	\$2.13	\$14.18	\$16.73
Standby	\$1.23	\$0.10							\$1.33	

WACKER CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P55WC001	PS2 500	PUMP, WATER, SUBMERSIBLE, ELECTRIC, 2" DIA, 66 GPM @ 39' HEAD (ADD HOSES)		Elec	1	HP	D-Off	1		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.05	\$0.00	\$0.05	\$0.13	\$0.07	\$0.00	\$0.00	\$0.04	\$0.24	\$0.29
Standby	\$0.03	\$0.00							\$0.03	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P55WC002	PS2 800	PUMP, WATER, SUBMERSIBLE, ELECTRIC, 2" DIA, 82 GPM @ 59' HEAD (ADD HOSES)		Elec	1	HP	D-Off	1		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.07	\$0.00	\$0.07	\$0.13	\$0.07	\$0.00	\$0.00	\$0.06	\$0.26	\$0.33
Standby	\$0.04	\$0.00							\$0.04	

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

P55 PUMPS, WATER, SUBMERSIBLE

P55 0.02 ELECTRIC DRIVE (PROVIDE POWER SOU

P60 PUMPS, WATER, CENTRIFUGAL, DEWATERING

P60 0.11 SKID MOUNTED, ENGINE DRIVE

RIVERSIDE PUMP MANUFACTURING

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P60HO002	S2B	PUMP, WATER, CENTRIFUGAL, DEWATERING, SKID MOUNTED, ENGINE DRIVE, 2" DIA, 150 GPM (ADD HOSES)		Gas	3.5	HP	D-Off	1		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.10	\$0.00	\$0.10	\$0.64	\$0.10	\$0.00	\$0.00	\$0.14	\$0.88	\$0.98
Standby	\$0.05	\$0.00							\$0.05	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P60HO003	TP3B	PUMP, WATER, CENTRIFUGAL, TRASH, SKID MOUNTED, ENGINE DRIVE, 3" DIA, 328 GPM (ADD HOSES)		Gas	8	HP	D-Off	1		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.18	\$0.01	\$0.19	\$1.45	\$0.23	\$0.00	\$0.00	\$0.25	\$1.92	\$2.11
Standby	\$0.09	\$0.01							\$0.10	

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

P60 PUMPS, WATER, CENTRIFUGAL, DEWATERING

P60 0.11 SKID MOUNTED, ENGINE DRIVE

RIVERSIDE PUMP MANUFACTURING

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P60HO004	TP2B	PUMP, WATER, CENTRIFUGAL, TRASH, SKID MTD, ENGINE DRIVE, 2" DIA, 173 GPM (ADD HOSES)		Gas	6.5	HP	D-Off	1		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.12	\$0.01	\$0.13	\$1.18	\$0.18	\$0.00	\$0.00	\$0.17	\$1.53	\$1.66
Standby	\$0.06	\$0.01							\$0.07	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P60HO005	TP4V	PUMP, WATER, CENTRIFUGAL, TRASH, SKID MTD, ENGINE DRIVE, 3" DIA, 662 GPM (ADD HOSES)		Gas	16	HP	D-Off	1		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.39	\$0.02	\$0.41	\$2.90	\$0.45	\$0.00	\$0.00	\$0.54	\$3.89	\$4.30
Standby	\$0.20	\$0.02							\$0.22	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P60 PUMPS, WATER, CENTRIFUGAL, DEWATERING

P60 0.11 SKID MOUNTED, ENGINE DRIVE

WACKER CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
P60WC001	PG 2A	PUMP, WATER, CENTRIFUGAL, DEWATERING, SKID MOUNTED, ENGINE DRIVE, 2" DIA, 159 GPM @ 98' HEAD (ADD HOSES)		Gas	4	HP	D-Off		1	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.06	\$0.00	\$0.06	\$0.73	\$0.11	\$0.00	\$0.00	\$0.09	\$0.93	\$0.99
Standby	\$0.03	\$0.00							\$0.03	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
P60WC002	PG 3A	PUMP, WATER, CENTRIFUGAL, DEWATERING, SKID MOUNTED, ENGINE DRIVE, 3" DIA, 264 GPM @ 98' HEAD (ADD HOSES)		Gas	6	HP	D-Off		1	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.07	\$0.00	\$0.07	\$1.09	\$0.17	\$0.00	\$0.00	\$0.10	\$1.36	\$1.43
Standby	\$0.04	\$0.00							\$0.04	

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

P60 PUMPS, WATER, CENTRIFUGAL, DEWATERING

P60 0.21 WHEEL MOUNTED, ENGINE DRIVE

GORMAN-RUPP COMPANY

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
P60GR001	14C2-F3L	PUMP, WATER, CENTRIFUGAL, DEWATERING, WHEEL, 4" DIA, 600 GPM @ 80' HEAD (ADD HOSES)		D-Off	47	HP	D-Off		20	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.78	\$0.13	\$2.91	\$5.01	\$0.93	\$0.08	\$0.01	\$3.86	\$9.90	\$12.81
Standby	\$1.39	\$0.13							\$1.52	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
P60GR002	16C2-F4L	PUMP, WATER, CENTRIFUGAL, DEWATERING, WHEEL, 6" DIA, 1,825 GPM @ 40' HEAD (ADD HOSES)		Gas	73	HP	D-Off		26	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.48	\$0.16	\$3.64	\$13.25	\$2.07	\$0.08	\$0.01	\$4.84	\$20.26	\$23.90
Standby	\$1.74	\$0.16							\$1.90	

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

P65 PUMPS, WATER, DIAPHRAGM

P65 0.11 SKID MOUNTED, ENGINE DRIVE

RIVERSIDE PUMP MANUFACTURING

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P65HO001	DP2B	PUMP, WATER, DIAPHRAGM, SKID MTD, 2" DIA, 33 GPM (ADD HOSES)		Gas	3.5	HP	D-Off	1		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.16	\$0.01	\$0.17	\$0.64	\$0.10	\$0.00	\$0.00	\$0.23	\$0.97	\$1.14
Standby	\$0.08	\$0.01							\$0.09	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P65HO002	DP3B	PUMP, WATER, DIAPHRAGM, SKID MTD, 3" DIA, 80 GPM (ADD HOSES)		Gas	3.5	HP	D-Off	2		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.18	\$0.01	\$0.19	\$0.64	\$0.10	\$0.00	\$0.00	\$0.24	\$0.98	\$1.17
Standby	\$0.09	\$0.01							\$0.10	

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

P65 PUMPS, WATER, DIAPHRAGM

P65 0.21 WHEEL MOUNTED, ENGINE DRIVE

GORMAN-RUPP COMPANY

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P65GR002	3D-B	PUMP, WATER, DIAPHRAGM, WHEEL, 3" DIA, 560 GPM @ 25' HEAD (ADD HOSES)		Gas	1.5	HP	D-Off	2		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.55	\$0.03	\$0.58	\$0.27	\$0.04	\$0.02	\$0.00	\$0.68	\$1.02	\$1.60
Standby	\$0.28	\$0.03							\$0.31	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P65GR003	4D-B	PUMP, WATER, DIAPHRAGM, WHEEL, 4" DIA, 74 GPM @ 25' HEAD (ADD HOSES)		Gas	3	HP	D-Off	4		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.06	\$0.05	\$1.11	\$0.54	\$0.08	\$0.03	\$0.00	\$1.31	\$1.97	\$3.08
Standby	\$0.53	\$0.05							\$0.58	

WACKER CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P65WC001	PDT 2A	PUMP, WATER, DIAPHRAGM, WHEEL, 2" DIA, 50 GPM @ 25' HEAD (ADD HOSES)		Gas	4	HP	D-Off	1		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.18	\$0.01	\$0.19	\$0.73	\$0.11	\$0.00	\$0.00	\$0.23	\$1.07	\$1.26
Standby	\$0.09	\$0.01							\$0.10	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P65 PUMPS, WATER, DIAPHRAGM

P650.21WHEEL MOUNTED, ENGINE DRIVE

WACKER CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P65WC002	PDT 3A	PUMP, WATER, DIAPHRAGM, WHEEL, 3" DIA, 88 GPM @ 25' HEAD (ADD HOSES)		Gas	4	HP	D-Off	2		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.20	\$0.01	\$0.21	\$0.73	\$0.11	\$0.00	\$0.00	\$0.24	\$1.09	\$1.30
Standby	\$0.10	\$0.01							\$0.11	

P70 PUMPS, WATER (For core drills)

P700.01PUMPS, WATER (For core drills) - ENGINE

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
P70XX001	75-7.6	PUMP, WATER, FOR CORE DRILLS, 7.6 GPM, 75 PSI, MANUAL, SKID (ADD HOSES)		Gas	2	HP	D-Off	1		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.40	\$0.02	\$0.42	\$0.36	\$0.06	\$0.00	\$0.00	\$0.53	\$0.94	\$1.36
Standby	\$0.20	\$0.02							\$0.22	

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

R10 RIPPERS (Add cost for point wear)

R10 0.00 RIPPERS (Add cost for point wear)

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
R10CA001	D-3 RIPPER	RIPPER, 3-SHANKS & BEAM, HYDRAULIC (ADD D-3 TRACTOR DOZER & COST FOR POINT WEAR)		D-Off	D-Off	14				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.24	\$0.06	\$1.30	\$0.00	\$0.08	\$0.00	\$0.00	\$1.75	\$1.83	\$3.13
Severe	\$1.53	\$0.06	\$1.59	\$0.00	\$0.08	\$0.00	\$0.00	\$2.40	\$2.48	\$4.07
Standby	\$0.62	\$0.06							\$0.68	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
R10CA003	D4K2 RIPPER	RIPPER, 3-SHANKS & BEAM, HYDRAULIC (ADD D-4 TRACTOR DOZER & COST FOR POINT WEAR)		D-Off	D-Off	14				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.24	\$0.06	\$1.30	\$0.00	\$0.08	\$0.00	\$0.00	\$1.75	\$1.83	\$3.13
Severe	\$1.53	\$0.06	\$1.59	\$0.00	\$0.08	\$0.00	\$0.00	\$2.40	\$2.48	\$4.07
Standby	\$0.62	\$0.06							\$0.68	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R10 RIPPERS (Add cost for point wear)

R10 0.00 RIPPERS (Add cost for point wear)

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
R10CA005	D-5C RIPPER	RIPPER, 3-SHANKS & BEAM, HYDRAULIC (ADD D-5 TRACTOR DOZER & COST FOR POINT WEAR)		D-Off	D-Off	14				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.24	\$0.06	\$1.30	\$0.00	\$0.08	\$0.00	\$0.00	\$1.75	\$1.83	\$3.13
Severe	\$1.53	\$0.06	\$1.59	\$0.00	\$0.08	\$0.00	\$0.00	\$2.40	\$2.48	\$4.07
Standby	\$0.62	\$0.06							\$0.68	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
R10CA006	D5 RIPPER SHANK	RIPPER, SHANK, EACH (ADD D-5 TRACTOR DOZER & RIPPER & COST FOR POINT WEAR)		D-Off	D-Off	3				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.12	\$0.01	\$0.13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.17	\$0.17	\$0.30
Severe	\$0.15	\$0.01	\$0.16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.24	\$0.24	\$0.40
Standby	\$0.06	\$0.01							\$0.07	

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

R10 RIPPERS (Add cost for point wear)

R10 0.00 RIPPERS (Add cost for point wear)

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
R10CA007	D6T RIPPER	RIPPER, 3-SHANKS & BEAM, HYDRAULIC (ADD D-6T TRACTOR DOZER & COST FOR POINT WEAR)		D-Off	D-Off	16				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.03	\$0.14	\$3.17	\$0.00	\$0.08	\$0.00	\$0.00	\$4.28	\$4.36	\$7.53
Severe	\$3.73	\$0.14	\$3.87	\$0.00	\$0.08	\$0.00	\$0.00	\$5.85	\$5.93	\$9.80
Standby	\$1.52	\$0.14							\$1.66	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
R10CA009	D7 RIPPER	RIPPER, 3-SHANKS & BEAM, HYDRAULIC (ADD D-7 TRACTOR DOZER & COST FOR POINT WEAR)		D-Off	D-Off	77				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.73	\$0.30	\$7.03	\$0.00	\$0.08	\$0.00	\$0.00	\$9.50	\$9.58	\$16.61
Severe	\$8.28	\$0.31	\$8.59	\$0.00	\$0.08	\$0.00	\$0.00	\$12.99	\$13.07	\$21.66
Standby	\$3.37	\$0.30							\$3.67	

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

R10 RIPPERS (Add cost for point wear)

R10 0.00 RIPPERS (Add cost for point wear)

CATERPILLAR INC. (MACHINE DIVISION)

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
R10CA010	D7 RIPPER SHANK	RIPPER, SHANK, EACH (ADD D-7 TRACTOR DOZER & RIPPER & COST FOR POINT WEAR)					D-Off		D-Off	4	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$0.24	\$0.01	\$0.25	\$0.00	\$0.10	\$0.00	\$0.00	\$0.34	\$0.44	\$0.69	
Severe	\$0.30	\$0.01	\$0.31	\$0.00	\$0.10	\$0.00	\$0.00	\$0.47	\$0.57	\$0.88	
Standby	\$0.12	\$0.01							\$0.13		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
R10CA011	D8T RIPPER	RIPPER, 1-SHANK & BEAM, HYDRAULIC (ADD D-8T TRACTOR DOZER & RIPPER & COST FOR POINT WEAR)					D-Off		D-Off	91	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$6.06	\$0.27	\$6.33	\$0.00	\$0.00	\$0.00	\$0.00	\$8.56	\$8.56	\$14.89	
Severe	\$7.46	\$0.28	\$7.74	\$0.00	\$0.00	\$0.00	\$0.00	\$11.71	\$11.71	\$19.45	
Standby	\$3.03	\$0.27							\$3.30		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R10 RIPPERS (Add cost for point wear)

R10 0.00 RIPPERS (Add cost for point wear)

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT
R10CA012	D8T RIPPER	RIPPER, 3-SHANKS & BEAM, HYDRAULIC (ADD D-8T TRACTOR DOZER & COST FOR POINT WEAR)		D-Off	D-Off	102

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.44	\$0.29	\$6.73	\$0.00	\$0.00	\$0.00	\$0.00	\$9.09	\$9.09	\$15.82
Severe	\$7.93	\$0.30	\$8.23	\$0.00	\$0.00	\$0.00	\$0.00	\$12.44	\$12.44	\$20.67
Standby	\$3.22	\$0.29							\$3.51	

			Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT
R10CA013	D8T RIPPER SHANK	RIPPER SHANK, FOR USE IN MULTI SHANK RIPPER, EACH (ADD D-8 TRACTOR DOZER & RIPPER & COST FOR POINT WEAR)		D-Off	D-Off	8

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.55	\$0.02	\$0.57	\$0.00	\$0.00	\$0.00	\$0.00	\$0.77	\$0.77	\$1.34
Severe	\$0.67	\$0.03	\$0.70	\$0.00	\$0.00	\$0.00	\$0.00	\$1.06	\$1.06	\$1.76
Standby	\$0.28	\$0.02							\$0.30	

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

R10 RIPPERS (Add cost for point wear)

R10 0.00 RIPPERS (Add cost for point wear)

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
R10CA014	D9 RIPPER	RIPPER, 1-SHANK & BEAM, HYDRAULIC (ADD D-1 SHANK 9 TRACTOR DOZER & COST FOR POINT WEAR)		D-Off	D-Off	102				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$10.03	\$0.45	\$10.48	\$0.00	\$0.16	\$0.00	\$0.00	\$14.16	\$14.32	\$24.80
Severe	\$12.34	\$0.46	\$12.80	\$0.00	\$0.16	\$0.00	\$0.00	\$19.36	\$19.52	\$32.32
Standby	\$5.02	\$0.45							\$5.47	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
R10CA015	D9 RIPPER	RIPPER, 3-SHANKS & BEAM, HYDRAULIC (ADD 3 SHANK D-9 TRACTOR DOZER & COST FOR POINT WEAR)		D-Off	D-Off	91				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$10.35	\$0.47	\$10.82	\$0.00	\$0.16	\$0.00	\$0.00	\$14.61	\$14.77	\$25.59
Severe	\$12.74	\$0.48	\$13.22	\$0.00	\$0.16	\$0.00	\$0.00	\$19.98	\$20.14	\$33.36
Standby	\$5.18	\$0.47							\$5.65	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R10 RIPPERS (Add cost for point wear)

R10 0.00 RIPPERS (Add cost for point wear)

CATERPILLAR INC. (MACHINE DIVISION)

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
R10CA016	D9 RIPPER SHANK	RIPPER, SHANK, EACH (ADD D-9 TRACTOR DOZER & RIPPER & COST FOR POINT WEAR)					D-Off		D-Off	8	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$0.86	\$0.04	\$0.90	\$0.00	\$0.00	\$0.00	\$0.00	\$1.21	\$1.21	\$2.11	
Severe	\$1.05	\$0.04	\$1.09	\$0.00	\$0.00	\$0.00	\$0.00	\$1.65	\$1.65	\$2.74	
Standby	\$0.43	\$0.04							\$0.47		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
R10CA017	D10 RIPPER 1 SHANK	RIPPER, 1-SHANK & BEAM, HYDRAULIC (ADD D-10 TRACTOR DOZER & COST FOR POINT WEAR)					D-Off		D-Off	161	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$14.26	\$0.64	\$14.90	\$0.00	\$0.21	\$0.00	\$0.00	\$20.13	\$20.34	\$35.24	
Severe	\$17.55	\$0.66	\$18.21	\$0.00	\$0.21	\$0.00	\$0.00	\$27.53	\$27.74	\$45.95	
Standby	\$7.13	\$0.64							\$7.77		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R10 RIPPERS (Add cost for point wear)

R10 0.00 RIPPERS (Add cost for point wear)

CATERPILLAR INC. (MACHINE DIVISION)

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
R10CA018	D10 RIPPER 3 SHANKS	RIPPER, 3-SHANKS & BEAM, HYDRAULIC (ADD D-10 TRACTOR DOZER & COST FOR POINT WEAR)					D-Off	D-Off	179		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$15.13	\$0.68	\$15.81	\$0.00	\$0.22	\$0.00	\$0.00	\$21.35	\$21.57	\$37.38	
Severe	\$18.62	\$0.70	\$19.32	\$0.00	\$0.22	\$0.00	\$0.00	\$29.20	\$29.42	\$48.74	
Standby	\$7.57	\$0.68							\$8.25		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
R10CA019	D10 RIPPER SHANK	RIPPER, SHANK, EACH (ADD D-10 TRACTOR DOZER & RIPPER & COST FOR POINT WEAR)					D-Off		D-Off	10	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$0.42	\$0.02	\$0.44	\$0.00	\$0.24	\$0.00	\$0.00	\$0.59	\$0.83	\$1.27	
Severe	\$0.51	\$0.02	\$0.53	\$0.00	\$0.24	\$0.00	\$0.00	\$0.80	\$1.04	\$1.57	
Standby	\$0.21	\$0.02							\$0.23		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R10 RIPPERS (Add cost for point wear)

R10 0.00 RIPPERS (Add cost for point wear)

CATERPILLAR INC. (MACHINE DIVISION)

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
R10CA020	D11 RIPPER 1 SHANK	RIPPER, 1-SHANK & BEAM, HYDRAULIC (ADD D-11 TRACTOR DOZER & COST FOR POINT WEAR)					D-Off	D-Off	72		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$18.13	\$0.82	\$18.95	\$0.00	\$0.23	\$0.00	\$0.00	\$25.59	\$25.82	\$44.77	
Severe	\$22.31	\$0.84	\$23.15	\$0.00	\$0.23	\$0.00	\$0.00	\$34.99	\$35.22	\$58.37	
Standby	\$9.07	\$0.82							\$9.89		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
R10CA021	D11 3 SHANK RIPPER	RIPPER, 3-SHANKS & BEAM, HYDRAULIC (ADD D-11 TRACTOR DOZER & COST FOR POINT WEAR)						D-Off	D-Off	103	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$16.72	\$0.75	\$17.47	\$0.00	\$0.25	\$0.00	\$0.00	\$23.60	\$23.85	\$41.32	
Severe	\$20.57	\$0.77	\$21.34	\$0.00	\$0.25	\$0.00	\$0.00	\$32.27	\$32.52	\$53.86	
Standby	\$8.36	\$0.75							\$9.11		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R10 RIPPERS (Add cost for point wear)

R10 0.00 RIPPERS (Add cost for point wear)

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
R10CA022	D6 RIPPER SHANK	RIPPER SHANK, PER 3, FOR 6 POINT RIPPER (ADD D6 TRACTOR DOZER & RIPPER & COST FOR POINT WEAR)		D-Off	D-Off	5				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.15	\$0.01	\$0.16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.21	\$0.21	\$0.37
Severe	\$0.18	\$0.01	\$0.19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.29	\$0.29	\$0.48
Standby	\$0.08	\$0.01							\$0.09	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
R10CA023	D8T RIPPER SHANK	RIPPER SHANK, FOR USE IN SINGLE SHANK RIPPER, EACH (ADD D-8 TRACTOR DOZER & RIPPER & COST FOR POINT WEAR)		D-Off	D-Off	9				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.63	\$0.03	\$0.66	\$0.00	\$0.00	\$0.00	\$0.00	\$0.88	\$0.88	\$1.54
Severe	\$0.77	\$0.03	\$0.80	\$0.00	\$0.00	\$0.00	\$0.00	\$1.21	\$1.21	\$2.01
Standby	\$0.32	\$0.03							\$0.35	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R10 RIPPERS (Add cost for point wear)

R10 0.00 RIPPERS (Add cost for point wear)

CATERPILLAR INC. (MACHINE DIVISION)

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
R10CA024	D6 RIPPER SHANK	RIPPER SHANK, EACH (ADD D-6 TRACTOR DOZER & RIPPER & COST FOR POINT WEAR)						D-Off	D-Off	5	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$0.15	\$0.01	\$0.16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.21	\$0.21	\$0.37	
Severe	\$0.18	\$0.01	\$0.19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.29	\$0.29	\$0.48	
Standby	\$0.08	\$0.01							\$0.09		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
R10CA025	D9 RIPPER SHANK MULT	RIPPER SHANK, EACH, FOR MULTI SHANK RIPPER (ADD D9 TRACTOR DOZER & RIPPER & COST FOR POINT WEAR)						D-Off	D-Off	1	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$0.55	\$0.02	\$0.57	\$0.00	\$0.00	\$0.00	\$0.00	\$0.78	\$0.78	\$1.35	
Severe	\$0.68	\$0.03	\$0.71	\$0.00	\$0.00	\$0.00	\$0.00	\$1.07	\$1.07	\$1.78	
Standby	\$0.28	\$0.02							\$0.30		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R15 ROLLERS, STATIC, TOWED, PNEUMATIC

R15 0.00 ROLLERS, STATIC, TOWED, PNEUMATIC

WRT EQUIPMENT

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT
R15WV001	PT-13	ROLLER, STATIC, TOWED, PNEUMATIC, 5.9 TON, 10.5' WIDE, 13 TIRE (ADD TOWING UNIT)					D-Off		D-Off		43
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$0.94	\$0.06	\$1.00	\$0.00	\$0.00	\$0.28	\$0.05	\$1.05	\$1.38	\$2.38	
Standby	\$0.47	\$0.06							\$0.53		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT
R15WV002	PT-15	ROLLER, STATIC, TOWED, PNEUMATIC, 6.7 TON, 10.5' WIDE, 13 TIRE (ADD TOWING UNIT)					D-Off		D-Off		47
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$1.09	\$0.07	\$1.16	\$0.00	\$0.00	\$0.28	\$0.05	\$1.21	\$1.54	\$2.70	
Standby	\$0.55	\$0.07							\$0.62		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R20 ROLLERS, STATIC, TOWED, STEEL DRUM

R20 0.00 ROLLERS, STATIC, TOWED, STEEL DRUM

HOLMES

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
R20HJ001	60X60	ROLLER, STATIC, TOWED, 2 STEEL DRUMS, 9-15 TON, 60" WIDE X 60" DIA, SHEEPSFOOT (ADD TOWING UNIT)						D-Off	D-Off	184	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$3.73	\$0.21	\$3.94	\$0.00	\$0.25	\$0.00	\$0.00	\$4.61	\$4.86	\$8.80	
Standby	\$1.87	\$0.21							\$2.08		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
R20HJ002	48X48	ROLLER, STATIC, TOWED, 2 STEEL DRUMS, 3.5-6 TON, 48" WIDE X 48" DIA, SHEEPSFOOT (ADD TOWING UNIT)						D-Off	D-Off	68	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$1.86	\$0.10	\$1.96	\$0.00	\$0.25	\$0.00	\$0.00	\$2.30	\$2.55	\$4.51	
Standby	\$0.93	\$0.10							\$1.03		

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

R20 ROLLERS, STATIC, TOWED, STEEL DRUM

R20 0.00 ROLLERS, STATIC, TOWED, STEEL DRUM

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R20XX040	LAWN ROLLER	LAWN ROLLER, TOW BEHIND, 60" W X 24" DIA, 11,250 LBS WHEN FILLED W/ 117 GAL WATER		D-Off		D-Off		2		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.04	\$0.00	\$0.04	\$0.00	\$0.00	\$0.00	\$0.00	\$0.05	\$0.05	\$0.09
Standby	\$0.02	\$0.00							\$0.02	

R30 ROLLERS, STATIC, SELF-PROPELLED

R30 0.01 PNEUMATIC

BOMAG

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R30BO003	BW27RH-4I	ROLLER, STATIC, SELF-PROPELLED, PNEUMATIC, 30.00 TON, 80.4" WIDE, 8 TIRE, ASPHALT COMPACTOR		D-Off	170	HP	D-Off	194		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$20.35	\$0.86	\$21.21	\$16.02	\$1.88	\$0.99	\$0.17	\$20.79	\$39.85	\$61.06
Standby	\$10.18	\$0.86							\$11.04	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R30 ROLLERS, STATIC, SELF-PROPELLED

R300.01PNEUMATIC

BOMAG

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R30BO004	BW11RH-5	ROLLER, STATIC, SELF-PROPELLED, PNEUMATIC, 12 TON, 68" WIDE, 9 TIRE, ASPHALT COMPACTOR		D-Off	74	HP	D-Off	119		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$13.29	\$0.57	\$13.86	\$6.97	\$0.82	\$1.14	\$0.20	\$13.61	\$22.73	\$36.59
Standby	\$6.65	\$0.57							\$7.22	

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R30CA002	CW34	ROLLER, STATIC, SELF-PROPELLED, PNEUMATIC, 17.6 TON, 82" WIDE, 9 TIRE, ASPHALT COMPACTOR		D-Off	129	HP	D-Off	221		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$25.14	\$1.11	\$26.25	\$12.16	\$1.43	\$7.69	\$1.33	\$25.88	\$48.48	\$74.73
Standby	\$12.57	\$1.11							\$13.68	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R30 ROLLERS, STATIC, SELF-PROPELLED

R300.01PNEUMATIC

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R30CA004	CW16	ROLLER, STATIC, SELF-PROPELLED, PNEUMATIC, 16.5 TON, 84" WIDE, 11 TIRE, ASPHALT COMPACTOR		D-Off	102	HP	D-Off	117		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$13.06	\$0.55	\$13.61	\$9.61	\$1.13	\$0.76	\$0.13	\$13.34	\$24.98	\$38.59
Standby	\$6.53	\$0.55							\$7.08	

ROSCO, A LeeBoy COMPANY

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R30RS003	TRU-PAC 915 B	ROLLER, STATIC, SELF-PROPELLED, PNEUMATIC, 6-15 TON, 68" WIDE, 9 TIRES, ASPHALT/SOIL COMPACTOR		D-Off	85	HP	D-Off	135		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$11.58	\$0.48	\$12.06	\$8.01	\$0.94	\$0.25	\$0.04	\$11.80	\$21.04	\$33.10
Standby	\$5.79	\$0.48							\$6.27	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R30 ROLLERS, STATIC, SELF-PROPELLED

R30 0.02 SMOOTH DRUM

ATLAS COPCO WAGNER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R30WG001	CS1400	ROLLER, STATIC, SELF-PROPELLED, SMOOTH DRUM, 3 DRUMS, 14.5 TON, 83" WIDE, 3X2, ASPHALT COMPACTOR		D-Off	74	HP	D-Off	291		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$16.51	\$0.83	\$17.34	\$6.97	\$0.82	\$0.00	\$0.00	\$19.20	\$26.99	\$44.33
Standby	\$8.26	\$0.83							\$9.09	

BOMAG

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R30BO005	BW100SL-5	ROLLER, STATIC, SELF-PROPELLED, SMOOTH DRUM, DOUBLE DRUM, 2.6 TON, 39.4" WIDE ASPHALT COMPACTOR		D-Off	25	HP	D-Off	52		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.87	\$0.19	\$4.06	\$2.36	\$0.28	\$0.00	\$0.00	\$4.50	\$7.13	\$11.19
Standby	\$1.94	\$0.19							\$2.13	

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

R30 ROLLERS, STATIC, SELF-PROPELLED

R30 0.03 TAMPING FOOT, LANDFILL & SOIL COMP

BOMAG

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R30BO008	BC772RB-4	ROLLER, STATIC, SELF-PROPELLED, LANDFILL/SOIL COMPACTOR, SHEEPSFOOT, 4X4, 40 TON, 65.4" DIA, 18.6' WIDTH PER 2-PASS, W/BLADE		D-Off	456	HP	D-Off	816		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$44.93	\$2.94	\$47.87	\$42.97	\$5.04	\$0.00	\$0.00	\$55.51	\$103.52	\$151.39
Standby	\$22.47	\$2.94							\$25.41	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R30BO009	BC672RB-4	ROLLER, STATIC, SELF-PROPELLED, LANDFILL/SOIL COMPACTOR, SHEEPSFOOT, 4X4, 35 TON, 65.4" DIA, 18.6' WIDTH PER 2-PASS, W/BLADE		D-Off	456	HP	D-Off	719		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$40.46	\$2.65	\$43.11	\$42.97	\$5.04	\$0.00	\$0.00	\$49.99	\$98.00	\$141.11
Standby	\$20.23	\$2.65							\$22.88	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R30 ROLLERS, STATIC, SELF-PROPELLED

R30 0.03 TAMPING FOOT, LANDFILL & SOIL COMP

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R30CA003	815K	ROLLER, STATIC, SELF-PROPELLED, LANDFILL/SOIL COMPACTOR, SHEEPSFOOT, 4X4, 24.7 TON, 56" DIA, 14.25' WIDTH PER 2-PASS, W/BLADE		D-Off	284	HP	D-Off	449		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$38.51	\$2.52	\$41.03	\$26.76	\$3.14	\$0.00	\$0.00	\$47.58	\$77.48	\$118.51
Standby	\$19.26	\$2.52							\$21.78	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R30CA006	825K	ROLLER, STATIC, SELF-PROPELLED, LANDFILL/SOIL COMPACTOR, SHEEPSFOOT, 4X4, 39.2 TON, 51" DIA, 16.00' WIDTH PER 2-PASS, W/BLADE		D-Off	435	HP	D-Off	783		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$59.00	\$3.86	\$62.86	\$40.99	\$4.81	\$0.00	\$0.00	\$72.89	\$118.69	\$181.55
Standby	\$29.50	\$3.86							\$33.36	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R30 ROLLERS, STATIC, SELF-PROPELLED

R30 0.03 TAMPING FOOT, LANDFILL & SOIL COMP

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R30CA012	816K	ROLLER, STATIC, SELF-PROPELLED, LANDFILL/SOIL COMPACTOR, TAMPING FOOT, CHOPPER, 4X4, 28.4 TON, 14.75' WIDTH PER 2-PASS, W/BLADE		D-Off	284	HP	D-Off	524		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$39.53	\$2.59	\$42.12	\$26.76	\$3.14	\$0.00	\$0.00	\$48.84	\$78.73	\$120.85
Standby	\$19.77	\$2.59							\$22.36	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R30CA013	826K	ROLLER, STATIC, SELF-PROPELLED, LANDFILL/SOIL COMPACTOR, TAMPING FOOT, CHOPPER, 4X4, 45.1 TON, 12.5' WIDTH PER 2-PASS, W/BLADE		D-Off	435	HP	D-Off	836		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$61.11	\$4.00	\$65.11	\$40.99	\$4.81	\$0.00	\$0.00	\$75.50	\$121.30	\$186.41
Standby	\$30.56	\$4.00							\$34.56	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R40 ROLLERS, VIBRATORY, TOWED

R40 0.00 ROLLERS, VIBRATORY, TOWED

BOMAG

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R40BO001	BW6	ROLLER, VIBRATORY, TOWED, SINGLE DRUM, SMOOTH, 13,000 LB OPER. WT., 26,550 LB (13.3 TONS) CENTRIFUGAL FORCE, 67" WIDE (ADD 180 HP TOWING UNIT)		D-Off	50	HP	D-Off	128		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.06	\$0.36	\$8.42	\$5.33	\$0.83	\$0.00	\$0.00	\$9.96	\$16.12	\$24.54
Standby	\$4.03	\$0.36							\$4.39	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R40BO002	BW6S	ROLLER, VIBRATORY, TOWED, SINGLE DRUM, SHEEPSFOOT, 15,000 LB OPER. WT., 26,550 LB (13.3 TONS) CENTRIFUGAL FORCE, 67" WIDE (ADD 180 HP TOWING UNIT)		D-Off	50	HP	D-Off	148		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.75	\$0.39	\$9.14	\$5.33	\$0.83	\$0.00	\$0.00	\$10.81	\$16.97	\$26.11
Standby	\$4.38	\$0.39							\$4.77	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R45 ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM

R45 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED

BOMAG

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R45BO004	BW120AD-5	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 2.9 TON, 47.2" WIDE, 2X1, ASPHALT COMPACTOR		D-Off	33	HP	D-Off	57		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.81	\$0.31	\$7.12	\$3.52	\$0.55	\$0.00	\$0.00	\$11.57	\$15.64	\$22.76
Standby	\$3.41	\$0.31							\$3.72	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R45BO005	BW138AD-5	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 5.2 TON, 54.3" WIDE, 2X1, ASPHALT COMPACTOR		D-Off	45	HP	D-Off	94		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.88	\$0.36	\$8.24	\$4.80	\$0.75	\$0.00	\$0.00	\$13.39	\$18.94	\$27.18
Standby	\$3.94	\$0.36							\$4.30	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R45 ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM

R45 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED

BOMAG

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R45BO006	BW151AD-5	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 10.2 TON, 66.1" WIDE, 2X1, ASPHALT COMPACTOR		D-Off	75	HP	D-Off	168		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$18.19	\$0.82	\$19.01	\$8.00	\$1.25	\$0.00	\$0.00	\$30.91	\$40.16	\$59.17
Standby	\$9.10	\$0.82							\$9.92	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R45BO007	BW161AD-5	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 11.0 TON, 66.1" WIDE, 2X1, ASPHALT COMPACTOR		D-Off	114	HP	D-Off	221		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$19.99	\$0.90	\$20.89	\$12.16	\$1.90	\$0.00	\$0.00	\$33.95	\$48.02	\$68.91
Standby	\$10.00	\$0.90							\$10.90	

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

R45 ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM

R45 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED

BOMAG

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R45BO008	BW190AD-5	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 13.3 TON, 78.3" WIDE, 2X1, ASPHALT COMPACTOR		D-Off	114	HP	D-Off	266		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$19.29	\$0.87	\$20.16	\$12.16	\$1.90	\$0.00	\$0.00	\$32.77	\$46.83	\$66.99
Standby	\$9.65	\$0.87							\$10.52	

CASE CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R45CS001	DV23	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 2.8 TON, 39.4" WIDE, 2X1, ASPHALT COMPACTOR		D-Off	30.6	HP	D-Off	50		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.57	\$0.30	\$6.87	\$3.26	\$0.51	\$0.00	\$0.00	\$11.16	\$14.92	\$21.79
Standby	\$3.29	\$0.30							\$3.59	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R45 ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM

R45 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED

CASE CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R45CS002	DV26	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 2.9 TON, 47.2" WIDE, 2X1, ASPHALT COMPACTOR		D-Off	31.5	HP	D-Off	54		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.85	\$0.31	\$7.16	\$3.36	\$0.53	\$0.00	\$0.00	\$11.64	\$15.53	\$22.69
Standby	\$3.43	\$0.31							\$3.74	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R45CS003	DV36	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 4.7 TON, 51.2" WIDE, 2X1, ASPHALT COMPACTOR		D-Off	40.4	HP	D-Off	82		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.21	\$0.37	\$8.58	\$4.31	\$0.67	\$0.00	\$0.00	\$13.95	\$18.93	\$27.51
Standby	\$4.11	\$0.37							\$4.48	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R45 ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM

R45 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED

CASE CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R45CS004	DV45	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 5.6 TON, 54.3" WIDE, 2X1, ASPHALT COMPACTOR		D-Off	41.6	HP	D-Off	103		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.29	\$0.37	\$8.66	\$4.44	\$0.69	\$0.00	\$0.00	\$14.08	\$19.22	\$27.88
Standby	\$4.15	\$0.37							\$4.52	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R45CS005	DV209D	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 10.5 TON, 66" WIDE, 2X1 ASPHALT COMPACTOR		D-Off	100	HP	D-Off	211		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$19.99	\$0.90	\$20.89	\$10.66	\$1.67	\$0.00	\$0.00	\$33.96	\$46.29	\$67.18
Standby	\$10.00	\$0.90							\$10.90	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R45 ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM

R45 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED

CASE CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R45CS006	DV210D	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 11.5 TON, 66" WIDE, 2X1 ASPHALT COMPACTOR		D-Off	100	HP	D-Off	229		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$21.06	\$0.95	\$22.01	\$10.66	\$1.67	\$0.00	\$0.00	\$35.78	\$48.11	\$70.12
Standby	\$10.53	\$0.95							\$11.48	

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R45CA002	CB14B	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 1.75 TON, 39" WIDE, 2X1, ASPHALT COMPACTOR		D-Off	22.5	HP	D-Off	31		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.51	\$0.16	\$3.67	\$2.40	\$0.38	\$0.00	\$0.00	\$5.97	\$8.75	\$12.42
Standby	\$1.76	\$0.16							\$1.92	

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

R45 ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM

R45 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R45CA003	CB32B	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 3.3 TON, 51" WIDE, 2X1, ASPHALT COMPACTOR		D-Off	32.7	HP	D-Off	62		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.06	\$0.27	\$6.33	\$3.49	\$0.55	\$0.00	\$0.00	\$10.29	\$14.33	\$20.66
Standby	\$3.03	\$0.27							\$3.30	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R45CA004	CB34B	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 4.3 TON, 51" WIDE, 2X1, ASPHALT COMPACTOR		D-Off	48.8	HP	D-Off	82		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.65	\$0.35	\$8.00	\$5.20	\$0.81	\$0.00	\$0.00	\$13.00	\$19.01	\$27.01
Standby	\$3.83	\$0.35							\$4.18	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R45 ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM

R45 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED

						Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description				12/1/2017	Main		Carrier	CWT
R45CA006	CB36B	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 4.4 TON, 55" WIDE, 2X1, ASPHALT COMPACTOR					D-Off	48.8	HP	D-Off64
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.47	\$0.38	\$8.85	\$5.20	\$0.81	\$0.00	\$0.00	\$14.40	\$20.41	\$29.26
Standby	\$4.24	\$0.38							\$4.62	
						Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description				12/1/2017	Main		Carrier	CWT
R45CA007	CB44B	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 10 TON, 59" WIDE, 2X1, ASPHALT COMPACTOR					D-Off	110	HP	D-Off183
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$13.52	\$0.61	\$14.13	\$11.73	\$1.83	\$0.00	\$0.00	\$22.96	\$36.53	\$50.66
Standby	\$6.76	\$0.61							\$7.37	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R45 ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM

R45 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R45CA009	CB64B	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 15.2 TON, 84" WIDE, 2X1, ASPHALT COMPACTOR		D-Off	137	HP	D-Off	258		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$21.62	\$0.97	\$22.59	\$14.61	\$2.29	\$0.00	\$0.00	\$36.73	\$53.62	\$76.21
Standby	\$10.81	\$0.97							\$11.78	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R45CA010	CB66B	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 16.3 TON, 84" WIDE, 2X1, ASPHALT COMPACTOR		D-Off	144	HP	D-Off	291		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$26.47	\$1.19	\$27.66	\$15.36	\$2.40	\$0.00	\$0.00	\$44.97	\$62.73	\$90.39
Standby	\$13.24	\$1.19							\$14.43	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R45 ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM

R45 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R45CA011	CB24B	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 3.2 TON, 47" WIDE, 2X1, ASPHALT COMPACTOR		D-Off	36.2	HP	D-Off	56		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.03	\$0.27	\$6.30	\$3.86	\$0.60	\$0.00	\$0.00	\$10.25	\$14.71	\$21.01
Standby	\$3.02	\$0.27							\$3.29	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R45CA016	CB22B	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 3 TON, 39" WIDE, 2X1, ASPHALT COMPACTOR		D-Off	36.2	HP	D-Off	52		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.06	\$0.23	\$5.29	\$3.86	\$0.60	\$0.00	\$0.00	\$8.60	\$13.06	\$18.35
Standby	\$2.53	\$0.23							\$2.76	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R45 ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM

R45 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R45CA026	CB10	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 10.7 TON, 67" WIDE, 2X1 ASPHALT COMPACTOR		D-Off	131	HP	D-Off	214		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$17.04	\$0.77	\$17.81	\$13.97	\$2.18	\$0.00	\$0.00	\$28.95	\$45.10	\$62.91
Standby	\$8.52	\$0.77							\$9.29	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R45CA027	CB13	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 13.8 TON, 79" WIDE, 2X1, ASPHALT COMPACTOR		D-Off	142	HP	D-Off	276		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$19.98	\$0.90	\$20.88	\$15.14	\$2.37	\$0.00	\$0.00	\$33.94	\$51.45	\$72.33
Standby	\$9.99	\$0.90							\$10.89	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R45 ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM

R45 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R45CA028	CB15	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 14.5 TON, 84" WIDE, 2X1, ASPHALT COMPACTOR		D-Off	142	HP	D-Off	290		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$23.00	\$1.04	\$24.04	\$15.14	\$2.37	\$0.00	\$0.00	\$39.07	\$56.58	\$80.62
Standby	\$11.50	\$1.04							\$12.54	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R45CA029	CB16	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 16.0 TON, 84" WIDE, 2X1, ASPHALT COMPACTOR		D-Off	142	HP	D-Off	319		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$26.44	\$1.19	\$27.63	\$15.14	\$2.37	\$0.00	\$0.00	\$44.92	\$62.43	\$90.06
Standby	\$13.22	\$1.19							\$14.41	

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

R45 ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM

R45 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R45CA030	CB68B	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 14.5 TON, 84" WIDE, 2X1, ASPHALT COMPACTOR		D-Off	142	HP	D-Off	291		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$26.06	\$1.18	\$27.24	\$15.14	\$2.37	\$0.00	\$0.00	\$44.27	\$61.78	\$89.02
Standby	\$13.03	\$1.18							\$14.21	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R45CA031	CB7	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 9.0 TON, 59" WIDE, 2X1, ASPHALT COMPACTOR		D-Off	100	HP	D-Off	181		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$13.37	\$0.60	\$13.97	\$10.66	\$1.67	\$0.00	\$0.00	\$22.72	\$35.05	\$49.02
Standby	\$6.69	\$0.60							\$7.29	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R45 ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM

R45 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R45CA032	CB8	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 9.6 TON, 67" WIDE, 2X1, ASPHALT COMPACTOR		D-Off	100	HP	D-Off	192		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$16.02	\$0.72	\$16.74	\$10.66	\$1.67	\$0.00	\$0.00	\$27.21	\$39.54	\$56.28
Standby	\$8.01	\$0.72							\$8.73	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R45CA033	CD10	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 10.7 TON, 67" WIDE, 2X1, ASPHALT COMPACTOR		D-Off	100.5	HP	D-Off	199		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$15.19	\$0.69	\$15.88	\$10.72	\$1.68	\$0.00	\$0.00	\$25.81	\$38.20	\$54.08
Standby	\$7.60	\$0.69							\$8.29	

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

R45 ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM

R45 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R45CA034	CD8	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 8.2 TON, 59" WIDE, 2X1, ASPHALT COMPACTOR		D-Off	100	HP	D-Off	163		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$13.15	\$0.59	\$13.74	\$10.66	\$1.67	\$0.00	\$0.00	\$22.34	\$34.67	\$48.41
Standby	\$6.58	\$0.59							\$7.17	

DYNAPAC DIVISION - SVEDALA INDUSTRIES

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R45DY001	CC1200VI	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 2.9 TON, 47" WIDE, 2X1, ASPHALT COMPACTOR		D-Off	35	HP	D-Off	60		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.38	\$0.24	\$5.62	\$3.73	\$0.58	\$0.00	\$0.00	\$9.15	\$13.46	\$19.08
Standby	\$2.69	\$0.24							\$2.93	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R45 ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM

R45 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED

DYNAPAC DIVISION - SVEDALA INDUSTRIES

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R45DY002	CC2200	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 9.9 TON, 59" WIDE, 2X1, ASPHALT COMPACTOR		D-Off	75	HP	D-Off	198		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$14.39	\$0.65	\$15.04	\$8.00	\$1.25	\$0.00	\$0.00	\$24.45	\$33.70	\$48.74
Standby	\$7.20	\$0.65							\$7.85	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R45DY003	CC5200	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 14.0 TON, 77" WIDE, 2X1, ASPHALT COMPACTOR		D-Off	130	HP	D-Off	280		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$24.90	\$1.12	\$26.02	\$13.86	\$2.17	\$0.00	\$0.00	\$42.30	\$58.33	\$84.35
Standby	\$12.45	\$1.12							\$13.57	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R50 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

R50 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED

BOMAG

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R50BO005	BW124DH-40	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH, 4.2 TON, 47.2" WIDE, 3X2, SOIL COMPACTOR		D-Off	45	HP	D-Off	73		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.67	\$0.34	\$7.01	\$3.46	\$0.54	\$0.31	\$0.05	\$11.05	\$15.42	\$22.43
Standby	\$3.34	\$0.34							\$3.68	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R50BO006	BW145D-5	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH, 6.2 TON, 56.1" WIDE, 3X2, SOIL COMPACTOR		D-Off	75	HP	D-Off	124		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$10.46	\$0.53	\$10.99	\$5.77	\$0.90	\$0.30	\$0.05	\$17.29	\$24.31	\$35.30
Standby	\$5.23	\$0.53							\$5.76	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R50 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

R50 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED

BOMAG

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R50BO007	BW177D-5	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH, 8.6 TON, 66.4" WIDE, 3X2, SOIL COMPACTOR		D-Off	75	HP	D-Off	146		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$11.94	\$0.60	\$12.54	\$5.77	\$0.90	\$0.51	\$0.09	\$19.77	\$27.03	\$39.57
Standby	\$5.97	\$0.60							\$6.57	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R50BO008	BW213DH-5	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH, 17.3 TON, 83.9" WIDE, 3X2, SOIL COMPACTOR		D-Off	155	HP	D-Off	281		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$18.91	\$0.95	\$19.86	\$11.92	\$1.86	\$0.34	\$0.06	\$31.22	\$45.40	\$65.26
Standby	\$9.46	\$0.95							\$10.41	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R50 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

R50 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED

BOMAG

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R50BO010	BW124PDH-40	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, PAD FOOT, 4.3 TON, 47.2" WIDE, 3X2, SOIL COMPACTOR		D-Off	45	HP	D-Off	74		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.97	\$0.35	\$7.32	\$3.46	\$0.54	\$0.31	\$0.05	\$11.54	\$15.91	\$23.23
Standby	\$3.49	\$0.35							\$3.84	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R50BO011	BW145PDH-5	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, PAD FOOT, 6.2 TON, 56.1" WIDE, 3X2, SOIL COMPACTOR		D-Off	75	HP	D-Off	112		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$11.68	\$0.59	\$12.27	\$5.77	\$0.90	\$0.30	\$0.05	\$19.30	\$26.32	\$38.59
Standby	\$5.84	\$0.59							\$6.43	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R50 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

R50 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED

BOMAG

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R50BO012	BW177PDH-5	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, PAD FOOT, 8.4 TON, 66.4" WIDE, 3X2, SOIL COMPACTOR		D-Off	75	HP	D-Off	166		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$13.82	\$0.70	\$14.52	\$5.77	\$0.90	\$0.51	\$0.09	\$22.86	\$30.13	\$44.65
Standby	\$6.91	\$0.70							\$7.61	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R50BO013	BW213PDH-5	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, PAD FOOT, 16.3 TON, 83.9" WIDE, 3X2, SOIL COMPACTOR		D-Off	155	HP	D-Off	305		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$19.75	\$0.99	\$20.74	\$11.92	\$1.86	\$0.34	\$0.06	\$32.61	\$46.79	\$67.53
Standby	\$9.88	\$0.99							\$10.87	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R50 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

R50 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R50CA003	CP34	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, PAD FOOT, 5.5 TON, 50" WIDE, 3X2, SOIL COMPACTOR		D-Off	74	HP	D-Off	109		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$11.66	\$0.59	\$12.25	\$5.69	\$0.89	\$0.45	\$0.08	\$19.29	\$26.40	\$38.65
Standby	\$5.83	\$0.59							\$6.42	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R50CA004	CP44B	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, PAD FOOT, 8.9 TON, 66" WIDE, 3X2, SOIL COMPACTOR		D-Off	100	HP	D-Off	168		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$19.94	\$1.00	\$20.94	\$7.69	\$1.20	\$0.37	\$0.06	\$32.92	\$42.25	\$63.19
Standby	\$9.97	\$1.00							\$10.97	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R50 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

R50 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R50CA007	CS64B	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH, 13.3 TON, 84" WIDE, 3X2, SOIL COMPACTOR		D-Off	131	HP	D-Off	254		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$18.12	\$0.93	\$19.05	\$10.07	\$1.57	\$1.12	\$0.19	\$30.07	\$43.04	\$62.09
Standby	\$9.06	\$0.93							\$9.99	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R50CA008	CS74B	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH, 17.7 TON, 84" WIDE, 3X2, SOIL COMPACTOR		D-Off	174	HP	D-Off	301		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$24.83	\$1.26	\$26.09	\$13.38	\$2.09	\$1.12	\$0.19	\$41.13	\$57.92	\$84.01
Standby	\$12.42	\$1.26							\$13.68	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R50 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

R50 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R50CA009	CP68B	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, PAD FOOT, 16.2 TON, 84" WIDE, 3X2, SOIL COMPACTOR		D-Off	157	HP	D-Off	312		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$24.64	\$1.25	\$25.89	\$12.07	\$1.89	\$1.12	\$0.19	\$40.81	\$56.09	\$81.98
Standby	\$12.32	\$1.25							\$13.57	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R50CA010	CP74B	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, PAD FOOT, 19.2 TON, 84" WIDE, 3X2, SOIL COMPACTOR		D-Off	173.7	HP	D-Off	336		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$25.99	\$1.32	\$27.31	\$13.35	\$2.09	\$1.12	\$0.19	\$43.04	\$59.80	\$87.11
Standby	\$13.00	\$1.32							\$14.32	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R50 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

R50 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R50CA011	CS68B	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH, 15.8 TON, 84" WIDE, 3X2, SOIL COMPACTOR		D-Off	157	HP	D-Off	265		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$21.14	\$1.07	\$22.21	\$12.07	\$1.89	\$1.00	\$0.17	\$35.03	\$50.16	\$72.37
Standby	\$10.57	\$1.07							\$11.64	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R50CA012	CS34	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH, 4.9 TON, 50" WIDE, 3X2, SOIL COMPACTOR		D-Off	74	HP	D-Off	96		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.62	\$0.49	\$10.11	\$5.69	\$0.89	\$0.63	\$0.11	\$15.93	\$23.25	\$33.36
Standby	\$4.81	\$0.49							\$5.30	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R50 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

R50 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R50CA013	CS44B	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH, 7.9 TON, 66" WIDE, 3X2, SOIL COMPACTOR		D-Off	100	HP	D-Off	160		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$15.80	\$0.79	\$16.59	\$7.69	\$1.20	\$0.36	\$0.06	\$26.10	\$35.41	\$52.00
Standby	\$7.90	\$0.79							\$8.69	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R50CA015	CS56B	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH, 12.7 TON, 84" WIDE, 3X2, SOIL COMPACTOR		D-Off	157	HP	D-Off	225		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$19.60	\$1.00	\$20.60	\$12.07	\$1.89	\$1.00	\$0.17	\$32.48	\$47.61	\$68.21
Standby	\$9.80	\$1.00							\$10.80	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R50 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

R50 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R50CA016	CP56B	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, PAD FOOT, 13.3 TON, 84" WIDE, 3X2, SOIL COMPACTOR		D-Off	157	HP	D-Off	272		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$21.27	\$1.08	\$22.35	\$12.07	\$1.89	\$1.00	\$0.17	\$35.23	\$50.36	\$72.71
Standby	\$10.64	\$1.08							\$11.72	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R50CA017	CS54B	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH, 11.6 TON, 84" WIDE, 3X2, SOIL COMPACTOR		D-Off	131	HP	D-Off	239		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$17.31	\$0.88	\$18.19	\$10.07	\$1.57	\$1.00	\$0.17	\$28.71	\$41.52	\$59.71
Standby	\$8.66	\$0.88							\$9.54	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R50 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

R50 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R50CA018	CS78B	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH, 20.6 TON, 84" WIDE, 3X2, SOIL COMPACTOR		D-Off	173.7	HP	D-Off	394		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$27.26	\$1.38	\$28.64	\$13.35	\$2.09	\$1.00	\$0.17	\$45.10	\$61.71	\$90.35
Standby	\$13.63	\$1.38							\$15.01	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R50CA019	CP54B	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, PAD FOOT, 11.6 TON, 84" WIDE, 3X2, SOIL COMPACTOR		D-Off	131	HP	D-Off	219		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$19.76	\$1.00	\$20.76	\$10.07	\$1.57	\$1.00	\$0.17	\$32.75	\$45.57	\$66.33
Standby	\$9.88	\$1.00							\$10.88	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R50 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

R50 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R50CA033	CC24B	ROLLER, VIBRATORY, SELF-PROPELLED PNEUMATIC/SINGLE DRUM, SMOOTH, 2.7 TON, 47" WIDE 5X4, ASPHALT COMPACTOR		D-Off	36.2	HP	D-Off	36		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.16	\$0.26	\$5.42	\$2.78	\$0.43	\$0.11	\$0.02	\$8.52	\$11.87	\$17.29
Standby	\$2.58	\$0.26							\$2.84	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R50CA034	CC34B	ROLLER, VIBRATORY, SELF-PROPELLED PNEUMATIC/SINGLE DRUM, SMOOTH, 3.7 TON, 51" WIDE, 5X4, ASPHALT COMPACTOR		D-Off	50	HP	D-Off	69		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.62	\$0.33	\$6.95	\$3.84	\$0.60	\$0.11	\$0.02	\$10.93	\$15.50	\$22.45
Standby	\$3.31	\$0.33							\$3.64	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R50 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

R50 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R50CA035	CCS7	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH, 8.2 TON, 67" WIDE 3X2, SOIL COMPACTOR		D-Off	101	HP	D-Off	163		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$14.97	\$0.75	\$15.72	\$7.76	\$1.21	\$0.63	\$0.11	\$24.74	\$34.45	\$50.17
Standby	\$7.49	\$0.75							\$8.24	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R50CA036	CCS9	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH 9.9 TON, 84" WIDE, 3X2, SOIL COMPACTOR		D-Off	131	HP	D-Off	198		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$18.64	\$0.94	\$19.58	\$10.07	\$1.57	\$0.55	\$0.09	\$30.82	\$43.11	\$62.69
Standby	\$9.32	\$0.94							\$10.26	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R50 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

R50 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT	
R50CA037	CS78B	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH, 20.6 TON, 84" WIDE, 3X2, SOIL COMPACTOR		D-Off	174	HP	D-Off	361	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$27.04	\$1.37	\$28.41	\$13.38	\$2.09	\$1.12	\$0.19	\$44.77	\$61.56	\$89.97
Standby	\$13.52	\$1.37							\$14.89	

DYNAPAC DIVISION - SVEDALA INDUSTRIES

			Value TEV	Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT	
R50DY001	CA2500PD (4.5)	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, PADFOOT, 12.1 TON, 83" WIDE, 3X2, SOIL COMPACTOR		D-Off	132	HP	D-Off	243	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$18.31	\$0.94	\$19.25	\$10.15	\$1.59	\$1.12	\$0.19	\$30.39	\$43.45	\$62.70
Standby	\$9.16	\$0.94							\$10.10	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R50 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

R50 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED

DYNAPAC DIVISION - SVEDALA INDUSTRIES

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
R50DY002	CA4000D	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH, 14.4 TON, 83" WIDE, 3X2, SOIL COMPACTOR		D-Off	160	HP	D-Off		289	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$24.70	\$1.25	\$25.95	\$12.30	\$1.92	\$1.12	\$0.19	\$40.92	\$56.46	\$82.41
Standby	\$12.35	\$1.25							\$13.60	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
R50DY003	CC1100C	ROLLER, VIBRATORY, SELF-PROPELLED, PNEUMATIC/SINGLE DRUM, SMOOTH, 2.7 TON, 42" WIDE, 5X4, ASPHALT COMPACTOR		D-Off	35	HP	D-Off		54	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.52	\$0.33	\$6.85	\$2.69	\$0.42	\$0.11	\$0.02	\$10.77	\$14.01	\$20.86
Standby	\$3.26	\$0.33							\$3.59	

* - Adjustable Elements

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Hourly Equipment Ownership and Operating Expense

R50 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

R50 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED

DYNAPAC DIVISION - SVEDALA INDUSTRIES

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R50DY004	CC1300C	ROLLER, VIBRATORY, SELF-PROPELLED, PNEUMATIC/SINGLE DRUM, SMOOTH, 4.3 TON, 51" WIDE, 5X4, ASPHALT COMPACTOR		D-Off	45	HP	D-Off	86		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.87	\$0.44	\$9.31	\$3.46	\$0.54	\$0.11	\$0.02	\$14.63	\$18.77	\$28.08
Standby	\$4.44	\$0.44							\$4.88	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R50DY005	CC2200C	ROLLER, VIBRATORY, SELF-PROPELLED, PNEUMATIC/SINGLE DRUM, SMOOTH, 9.1 TON, 59" WIDE, 5X4, ASPHALT COMPACTOR		D-Off	100	HP	D-Off	181		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$20.08	\$1.00	\$21.08	\$7.69	\$1.20	\$0.11	\$0.02	\$33.10	\$42.13	\$63.21
Standby	\$10.04	\$1.00							\$11.04	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R50 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

R50 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED

DYNAPAC DIVISION - SVEDALA INDUSTRIES

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R50DY006	CA1300D	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH, 5 TON, 53" WIDE, 3X2, SOIL COMPACTOR		D-Off	75	HP	D-Off	100		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$10.36	\$0.52	\$10.88	\$5.77	\$0.90	\$0.55	\$0.09	\$17.14	\$24.46	\$35.34
Standby	\$5.18	\$0.52							\$5.70	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R50DY007	CA1300PD	ROLLER, VIBRATORY, SELF-PROPELLED, PADFOOT DRUM, 5 TON, 53" WIDE, 3X2, SOIL COMPACTOR		D-Off	75	HP	D-Off	105		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$10.87	\$0.56	\$11.43	\$5.77	\$0.90	\$1.29	\$0.22	\$18.07	\$26.25	\$37.68
Standby	\$5.44	\$0.56							\$6.00	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R50 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

R50 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED

DYNAPAC DIVISION - SVEDALA INDUSTRIES

							Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description					12/1/2017	Main			Carrier	CWT
R50DY008	CA1500D	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH, 7.5 TON, 65" WIDE, 3X2, SOIL COMPACTOR						D-Off	100	HP	D-Off	150
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$13.77	\$0.69	\$14.46	\$7.69	\$1.20	\$0.38	\$0.06	\$22.77	\$32.10	\$46.56		
Standby	\$6.89	\$0.69							\$7.58			

							Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT	
R50DY009	CA1500PD	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, PADFOOT DRUM, 7.5 TON, 65" WIDE, 3X2, SOIL COMPACTOR						D-Off	100	HP	D-Off	150
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$14.82	\$0.74	\$15.56	\$7.69	\$1.20	\$0.38	\$0.06	\$24.49	\$33.83	\$49.39		
Standby	\$7.41	\$0.74							\$8.15			

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R50 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

R50 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED

DYNAPAC DIVISION - SVEDALA INDUSTRIES

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
R50DY010	CA2500D (3.3)	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH, 11.0 TON, 84" WIDE, 3X2, SOIL COMPACTOR		D-Off	110	HP	D-Off		220	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$15.81	\$0.80	\$16.61	\$8.46	\$1.32	\$0.50	\$0.09	\$26.15	\$36.51	\$53.12
Standby	\$7.91	\$0.80							\$8.71	

R55 ROOFING EQUIPMENT

R55 0.00 ROOFING EQUIPMENT

GARLOCK EQUIPMENT CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
R55GL007	ATLAS PRO 2000	ROOFING EQUIPMENT, HYDRAULIC SWING HOIST, W/225' CABLE, 2,000 LB CAP		Gas	18	HP	D-Off		12	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.12	\$0.10	\$3.22	\$2.18	\$0.26	\$0.00	\$0.00	\$3.62	\$6.06	\$9.28
Standby	\$1.56	\$0.10							\$1.66	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R55 ROOFING EQUIPMENT

R55 0.00 ROOFING EQUIPMENT

GARLOCK EQUIPMENT CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R55GL009	ROTARY PLANER	ROOFING EQUIPMENT, ROTARY PLANER, 24" WIDE		Gas	10.5	HP	D-Off	2		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.61	\$0.02	\$0.63	\$1.27	\$0.15	\$0.00	\$0.00	\$0.71	\$2.13	\$2.76
Standby	\$0.31	\$0.02							\$0.33	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R55GL011	ENFORCER TWIN CUTTER	ROOFING EQUIPMENT, 2-BLADE CUTTER, 25" WIDE, SELF PROPELLED (ADD BLADE COST)		Gas	20	HP	D-Off	6		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.50	\$0.05	\$1.55	\$2.42	\$0.28	\$0.00	\$0.00	\$1.74	\$4.45	\$6.00
Standby	\$0.75	\$0.05							\$0.80	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R55 ROOFING EQUIPMENT

R55 0.00 ROOFING EQUIPMENT

GARLOCK EQUIPMENT CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
R55GL016	DUST MSTR ULTRA CUTR	ROOFING EQUIPMENT, 1-BLADE CUTTER, W/WATER DAMPENING SYSTEM AND H.E.P.A. VACUUM SYSTEM		Gas	9	HP	D-Off		3	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.00	\$0.03	\$1.03	\$1.09	\$0.13	\$0.00	\$0.00	\$1.16	\$2.38	\$3.41
Standby	\$0.50	\$0.03							\$0.53	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
R55GL017	ULTRA CUTTER MINI	ROOFING EQUIPMENT, 1-BLADE CUTTER, 17" HEIGHT & 2" WALL CLEARANCE		Gas	5	HP	D-Off		2	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.44	\$0.01	\$0.45	\$0.60	\$0.07	\$0.00	\$0.00	\$0.51	\$1.18	\$1.63
Standby	\$0.22	\$0.01							\$0.23	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R55 ROOFING EQUIPMENT

R55 0.00 ROOFING EQUIPMENT

GARLOCK EQUIPMENT CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R55GL018	NO.12 SCRATCHE R	ROOFING EQUIPMENT, SCRATCHER, 18" WIDE		Gas	5.5	HP	D-Off	1		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.51	\$0.02	\$0.53	\$0.67	\$0.08	\$0.00	\$0.00	\$0.60	\$1.34	\$1.87
Standby	\$0.26	\$0.02							\$0.28	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R55GL020	MUSTANG WORKHORSE SE	ROOFING EQUIPMENT, MATERIAL BUGGY, 36" WIDE, WALK BEHIND GRAVEL SPREADER, HOPPER 800 LBS, 6 CF, 4X2		Gas	5.5	HP	D-Off	4		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.89	\$0.03	\$0.92	\$0.67	\$0.08	\$0.00	\$0.00	\$1.03	\$1.78	\$2.70
Standby	\$0.45	\$0.03							\$0.48	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R55 ROOFING EQUIPMENT

R55 0.00 ROOFING EQUIPMENT

GARLOCK EQUIPMENT CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R55GL021	ULTRACUT TER PRO	ROOFING EQUIPMENT, 1-BLADE CUTTER, 3.75" DEEP, WALK BEHIND 13 HP (ADD BLADE COST)		Gas	13	HP	D-Off	3		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.51	\$0.02	\$0.53	\$1.57	\$0.18	\$0.00	\$0.00	\$0.59	\$2.35	\$2.88
Standby	\$0.26	\$0.02							\$0.28	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R55GL023	ROOF WARRIOR	ROOFING EQUIPMENT, ROOF PEELER, 16" WIDE, WALK BEHIND, POWERED WHEEL 2X2, STD W/ 18" FLAT BLADE		Gas	13	HP	D-Off	6		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.34	\$0.04	\$1.38	\$1.57	\$0.18	\$0.00	\$0.00	\$1.55	\$3.31	\$4.69
Standby	\$0.67	\$0.04							\$0.71	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R55GL026	GS-36	ROOFING EQUIPMENT, POWER SWEEPER, 36" WIDE, WALK BEHIND		Gas	5.5	HP	D-Off	3		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.75	\$0.02	\$0.77	\$0.67	\$0.08	\$0.00	\$0.00	\$0.87	\$1.62	\$2.39
Standby	\$0.38	\$0.02							\$0.40	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R55 ROOFING EQUIPMENT

R55 0.00 ROOFING EQUIPMENT

GARLOCK EQUIPMENT CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R55GL027	RAM 150	ROOFING EQUIPMENT, ASPHALT KETTLE, 150 GAL, TRAILER MTD		D-Off	6	HP	D-Off	26		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.10	\$0.16	\$5.26	\$0.43	\$0.55	\$0.03	\$0.01	\$5.93	\$6.95	\$12.21
Standby	\$2.55	\$0.16							\$2.71	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R55GL028	RAM 230	ROOFING EQUIPMENT, ASPHALT KETTLE, 230 GAL, W/PUMP, TRAILER MTD		Gas	5	HP	D-Off	40		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.52	\$0.18	\$5.70	\$0.60	\$0.57	\$0.03	\$0.01	\$6.41	\$7.62	\$13.32
Standby	\$2.76	\$0.18							\$2.94	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
R55GL029	RAM 410	ROOFING EQUIPMENT, ASPHALT KETTLE, 410 GAL, W/PUMP, TRAILER MTD		Gas	9	HP	D-Off	49		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.36	\$0.20	\$6.56	\$1.09	\$0.88	\$0.03	\$0.01	\$7.39	\$9.39	\$15.95
Standby	\$3.18	\$0.20							\$3.38	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S10SCRAPERS, ELEVATING

S100.02OVER 200 HP

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
S10CA003	623K	SCRAPER, ELEVATING LOADING, 23 HEAPED CY, 27.6 TON, 10.3' CUT WIDTH, 4X2 - SINGLE POWERED		D-Off	407	HP	D-Off	833		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$53.21	\$4.37	\$57.58	\$31.29	\$4.89	\$18.32	\$3.16	\$83.19	\$140.85	\$198.43
Severe	\$60.16	\$4.40	\$64.56	\$41.38	\$6.47	\$57.38	\$9.90	\$98.99	\$214.12	\$278.68
Standby	\$26.61	\$4.37							\$30.98	

S15SCRAPERS, CONVENTIONAL

S150.00SCRAPERS, CONVENTIONAL

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
S15CA001	621K	SCRAPER, CONVENTIONAL, STANDARD LOADING, 24 HEAPED CY, 29 TON, 10.3' CUT WIDTH, 4X2 - SINGLE POWERED		D-Off	407	HP	D-Off	770		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$45.93	\$3.91	\$49.84	\$29.27	\$4.58	\$18.32	\$3.16	\$56.54	\$111.86	\$161.70
Severe	\$55.12	\$3.95	\$59.07	\$37.35	\$5.84	\$57.38	\$9.90	\$72.08	\$182.55	\$241.62
Standby	\$22.97	\$3.91							\$26.88	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S15SCRAPERS, CONVENTIONAL

S150.00SCRAPERS, CONVENTIONAL

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
S15CA002	631K	SCRAPER, CONVENTIONAL, STANDARD LOADING, 34 HEAPED CY, 41.1 TON, 11.5' CUT WIDTH, 4X2 - SINGLE POWERED		D-Off	570	HP	D-Off	1028		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$55.60	\$4.78	\$60.38	\$40.99	\$6.41	\$26.26	\$4.53	\$68.57	\$146.76	\$207.14
Severe	\$66.72	\$4.83	\$71.55	\$52.30	\$8.18	\$82.25	\$14.19	\$87.43	\$244.34	\$315.89
Standby	\$27.80	\$4.78							\$32.58	

S20SCRAPERS, TANDEM POWERED

S200.00SCRAPERS, TANDEM POWERED

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
S20CA001	627K	SCRAPER, TANDEM POWERED, STANDARD LOADING, 24 HEAPED CY, 28.8 TON, 10.3' CUT WIDTH, 4X4		D-Off	407	HP	D-Off290HP	876		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$54.59	\$4.61	\$59.20	\$51.86	\$6.56	\$22.28	\$3.84	\$71.26	\$155.80	\$215.00
Severe	\$60.65	\$4.63	\$65.28	\$67.42	\$8.53	\$72.77	\$12.55	\$83.84	\$245.11	\$310.39
Standby	\$27.30	\$4.61							\$31.91	

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

S20 SCRAPERS, TANDEM POWERED

S20 0.00 SCRAPERS, TANDEM POWERED

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier			CWT
S20CA003	637-K	SCRAPER, TANDEM POWERED, STANDARD LOADING, 34 HEAPED CY, 41.1 TON, 11.5' CUT WIDTH, 4X4		D-Off	570	HP	D-Off	290	HP	1150
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$71.47	\$6.06	\$77.53	\$63.99	\$8.09	\$31.93	\$5.51	\$93.39	\$202.92	\$280.45
Severe	\$79.41	\$6.09	\$85.50	\$83.18	\$10.52	\$104.31	\$17.99	\$109.87	\$325.88	\$411.38
Standby	\$35.74	\$6.06							\$41.80	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier			CWT
S20CA004	637-K PP	SCRAPER, TANDEM POWERED, STANDARD LOADING, 34 HEAPED CY, 41.1 TON, 11.5' CUT WIDTH, 4X4, PUSH-PULL		D-Off	450	HP	D-Off	250	HP	1117
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$74.40	\$6.29	\$80.69	\$52.08	\$6.59	\$31.93	\$5.51	\$97.17	\$193.28	\$273.97
Severe	\$82.66	\$6.33	\$88.99	\$67.70	\$8.56	\$104.31	\$17.99	\$114.32	\$312.89	\$401.88
Standby	\$37.20	\$6.29							\$43.49	

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

S20 SCRAPERS, TANDEM POWERED

S20 0.00 SCRAPERS, TANDEM POWERED

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier			CWT
S20CA005	657-G	SCRAPER, TANDEM POWERED, STANDARD LOADING, 44 HEAPED CY, 52 TON, 12.6' CUT WIDTH, 4X4		D-Off	564	HP	D-Off	410	HP	1508
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$86.13	\$7.28	\$93.41	\$72.46	\$9.17	\$36.27	\$6.26	\$112.48	\$236.63	\$330.04
Severe	\$95.70	\$7.32	\$103.02	\$94.21	\$11.92	\$118.49	\$20.44	\$132.33	\$377.38	\$480.40
Standby	\$43.07	\$7.28							\$50.35	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier			CWT
S20CA006	657-G PP	SCRAPER, TANDEM POWERED, STANDARD LOADING, 44 HEAPED CY, 52 TON, 12.6' CUT WIDTH, 4X4, PUSH-PULL		D-Off	564	HP	D-Off	410	HP	1605
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$93.86	\$7.90	\$101.76	\$72.46	\$9.17	\$36.27	\$6.26	\$122.48	\$246.64	\$348.40
Severe	\$104.29	\$7.95	\$112.24	\$94.21	\$11.92	\$118.49	\$20.44	\$144.09	\$389.15	\$501.39
Standby	\$46.93	\$7.90							\$54.83	

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

S25 SCRAPERS, TRACTOR DRAWN

S25 0.00 SCRAPERS, TRACTOR DRAWN

JOHN DEERE

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
S25JD001	1510DC	SCRAPER, TOWED, STANDARD LOADING, 15 HEAPED CY, 19 TON, 10' CUT WIDTH (ADD 460 HP TRACTOR)						D-Off	D-Off	168	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$5.02	\$0.36	\$5.38	\$0.00	\$1.50	\$1.79	\$0.31	\$5.44	\$9.05	\$14.43	
Severe	\$6.03	\$0.36	\$6.39	\$0.00	\$1.50	\$5.20	\$0.90	\$7.00	\$14.59	\$20.98	
Standby	\$2.51	\$0.36							\$2.87		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
S25JD002	1814DC	SCRAPER, TOWED, STANDARD LOADING, 18 HEAPED CY, 23 TON, 14' CUT WIDTH (ADD 460HP TRACTOR)						D-Off	D-Off	210	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$6.26	\$0.45	\$6.71	\$0.00	\$1.50	\$2.69	\$0.46	\$6.81	\$11.47	\$18.18	
Severe	\$7.51	\$0.46	\$7.97	\$0.00	\$1.50	\$7.79	\$1.34	\$8.76	\$19.39	\$27.36	
Standby	\$3.13	\$0.45							\$3.58		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S25SCRAPERS, TRACTOR DRAWN

S250.00SCRAPERS, TRACTOR DRAWN

KOMATSU DRESSER

			Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT
S25ID007	D19	SCRAPER, TOWED, STANDARD LOADING, 19 HEAPED CY, 24 TON, 10' CUT WIDTH (ADD 300+ HP TRACTOR)		D-Off	D-Off	240

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.74	\$0.47	\$7.21	\$0.00	\$0.00	\$1.88	\$0.32	\$7.28	\$9.49	\$16.70
Severe	\$8.09	\$0.48	\$8.57	\$0.00	\$0.00	\$5.46	\$0.94	\$9.36	\$15.75	\$24.32
Standby	\$3.37	\$0.47							\$3.84	

REYNOLDS INTERNATIONAL, L.P.

			Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT
S25RI001	14CS10	SCRAPER, TOWED, PIVOT DUMP, 10.7-14 HEAPED CY, 15 TON, 10' CUT WIDTH (ADD 250 - 300 HP TRACTOR)		D-Off	D-Off	136

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.06	\$0.30	\$4.36	\$0.00	\$1.50	\$1.98	\$0.34	\$4.43	\$8.25	\$12.61
Severe	\$4.88	\$0.30	\$5.18	\$0.00	\$1.50	\$5.73	\$0.99	\$5.70	\$13.92	\$19.10
Standby	\$2.03	\$0.30							\$2.33	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S25SCRAPERS, TRACTOR DRAWN

S250.00SCRAPERS, TRACTOR DRAWN

REYNOLDS INTERNATIONAL, L.P.

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
S25RI002	17C12 (RG)	SCRAPER, TOWED, PIVOT DUMP, 13-17 HEAPED CY, 17 TON, 12' CUT WIDTH (ADD 350 - 400 HP TRACTOR)						D-Off	D-Off	170	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$4.60	\$0.34	\$4.94	\$0.00	\$1.50	\$2.76	\$0.48	\$5.04	\$9.78	\$14.72	
Severe	\$5.52	\$0.35	\$5.87	\$0.00	\$1.50	\$7.98	\$1.38	\$6.49	\$17.34	\$23.21	
Standby	\$2.30	\$0.34							\$2.64		

ROME PLOW CO.

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
S25RM001	RP-150CFB	SCRAPER, TOWED, 15 HEAPED CY, 17 TON, 14' CUT WIDTH (ADD 200-360 HP TRACTOR)						D-Off	D-Off	157	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$1.27	\$0.31	\$1.58	\$0.00	\$1.50	\$14.12	\$2.44	\$2.09	\$20.14	\$21.72	
Severe	\$1.52	\$0.31	\$1.83	\$0.00	\$1.50	\$40.89	\$7.05	\$2.68	\$52.13	\$53.96	
Standby	\$0.64	\$0.31							\$0.95		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S25 SCRAPERS, TRACTOR DRAWN

S25 0.00 SCRAPERS, TRACTOR DRAWN

ROME PLOW CO.

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT
S25RM002	RP-212HDE	SCRAPER, TOWED, 23 HEAPED CY, 29 TON, 12.5' CUT WIDTH (ADD 375-600 HP TRACTOR)					D-Off		D-Off		292
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$6.89	\$0.53	\$7.42	\$0.00	\$1.50	\$4.71	\$0.81	\$7.58	\$14.60	\$22.02	
Severe	\$8.26	\$0.53	\$8.79	\$0.00	\$1.50	\$13.63	\$2.35	\$9.74	\$27.23	\$36.02	
Standby	\$3.45	\$0.53							\$3.98		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT
S25RM003	RP-90CS	SCRAPER, TOWED, 9 HEAPED CY, 12.5 TON, 7' CUT WIDTH (ADD 125-200 HP TRACTOR)					D-Off		D-Off		97
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$2.24	\$0.16	\$2.40	\$0.00	\$0.00	\$0.63	\$0.11	\$2.44	\$3.19	\$5.59	
Severe	\$2.69	\$0.17	\$2.86	\$0.00	\$0.00	\$1.84	\$0.32	\$3.14	\$5.30	\$8.16	
Standby	\$1.12	\$0.16							\$1.28		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S25SCRAPERS, TRACTOR DRAWN

S250.00SCRAPERS, TRACTOR DRAWN

ROME PLOW CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
S25RM004	RP-120CFB	SCRAPER, TOWED, 18-26 HEAPED CY, 25 TON, 10.8' CUT WIDTH (ADD 310-410 HP TRACTOR)		D-Off		D-Off		146		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.58	\$0.28	\$3.86	\$0.00	\$1.50	\$2.96	\$0.51	\$3.97	\$8.94	\$12.80
Severe	\$4.30	\$0.29	\$4.59	\$0.00	\$1.50	\$8.58	\$1.48	\$5.10	\$16.67	\$21.26
Standby	\$1.79	\$0.28							\$2.07	

S30SCREENING & CRUSHING PLANTS

S300.10CONVEYORS

KPI-JCI										
			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
S30KJ002	13-24100	SCREENING & CRUSHING PLANTS, CONVEYOR, STACKING, 24" WIDE X 100' LONG, PORTABLE, 250 TPH		Elec	15	HP	D-Off	18		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.93	\$0.40	\$8.33	\$1.40	\$0.77	\$1.52	\$0.26	\$7.68	\$11.63	\$19.96
Severe	\$9.91	\$0.41	\$10.32	\$1.68	\$1.11	\$4.31	\$0.74	\$11.66	\$19.50	\$29.82
Standby	\$3.97	\$0.40							\$4.37	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.10 CONVEYORS

KPI-JCI

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
S30KJ004	13-30100	SCREENING & CRUSHING PLANTS, CONVEYOR, STACKING, 30" WIDE X 100' LONG, PORTABLE, 500 TPH		Elec	15	HP	D-Off	64		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.32	\$0.46	\$9.78	\$1.40	\$0.77	\$1.52	\$0.26	\$9.01	\$12.96	\$22.74
Severe	\$11.65	\$0.47	\$12.12	\$1.68	\$1.11	\$4.31	\$0.74	\$13.68	\$21.53	\$33.65
Standby	\$4.66	\$0.46							\$5.12	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
S30KJ006	13-36100	SCREENING & CRUSHING PLANTS, CONVEYOR, STACKING, 36" WIDE X 100' LONG, PORTABLE, 750 TPH		Elec	30	HP	D-Off	38		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.33	\$0.46	\$9.79	\$2.81	\$1.54	\$1.52	\$0.26	\$9.02	\$15.16	\$24.95
Severe	\$11.66	\$0.47	\$12.13	\$3.37	\$2.24	\$4.31	\$0.74	\$13.69	\$24.35	\$36.48
Standby	\$4.67	\$0.46							\$5.13	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.10 CONVEYORS

KPI-JCI

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
S30KJ010	31-3080	SCREENING & CRUSHING PLANTS, CONVEYOR, SIDE FOLDING STACKER, 30" WIDE X 80' LONG, PORTABLE, 500 TPH		Elec	20	HP	D-Off	32		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.80	\$0.34	\$7.14	\$1.87	\$1.03	\$1.42	\$0.24	\$6.59	\$11.15	\$18.29
Severe	\$8.50	\$0.35	\$8.85	\$2.25	\$1.49	\$4.00	\$0.69	\$10.00	\$18.43	\$27.28
Standby	\$3.40	\$0.34							\$3.74	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
S30KJ011	31-30100	SCREENING & CRUSHING PLANTS, CONVEYOR, SIDE FOLDING STACKER, 30" WIDE X 100' LONG, PORTABLE, 550 TPH		Elec	25	HP	D-Off	39		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.62	\$0.38	\$8.00	\$2.34	\$1.28	\$1.63	\$0.28	\$7.39	\$12.92	\$20.92
Severe	\$9.53	\$0.39	\$9.92	\$2.81	\$1.86	\$4.61	\$0.80	\$11.21	\$21.30	\$31.22
Standby	\$3.81	\$0.38							\$4.19	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.10 CONVEYORS

KPI-JCI

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
S30KJ035	12-3070	SCREENING & CRUSHING PLANTS, FEEDER CONVEYOR, 30" WIDE X 70' LONG, 7 CY HOPPER & 6' FEED, PORTABLE, 500 TPH		Elec	20	HP	D-Off	18		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.10	\$0.41	\$8.51	\$1.87	\$1.03	\$1.94	\$0.34	\$7.86	\$13.03	\$21.54
Severe	\$10.12	\$0.42	\$10.54	\$2.25	\$1.49	\$5.54	\$0.96	\$11.92	\$22.16	\$32.70
Standby	\$4.05	\$0.41							\$4.46	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
S30KJ041	12-3670	SCREENING & CRUSHING PLANTS, FEEDER CONVEYOR, 36" WIDE X 70' LONG, 7 CY HOPPER & 6' FEED, PORTABLE, 750 TPH		Elec	20	HP	D-Off	19		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.91	\$0.50	\$10.41	\$1.87	\$1.03	\$1.94	\$0.34	\$9.60	\$14.77	\$25.18
Severe	\$12.39	\$0.51	\$12.90	\$2.25	\$1.49	\$5.54	\$0.96	\$14.57	\$24.81	\$37.71
Standby	\$4.96	\$0.50							\$5.46	

* - Adjustable Elements

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Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.10 CONVEYORS

KPI-JCI

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
S30KJ042	1430-60-20	SCREENING & CRUSHING PLANTS, SURGE BIN, 25CY, BELT FEEDER, & 30" WIDE X 60' LONG CONVEYOR, PORTABLE, 1,500 TPH		Elec	30	HP	D-Off	18		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$16.03	\$0.76	\$16.79	\$2.81	\$1.54	\$1.31	\$0.23	\$15.44	\$21.33	\$38.12
Severe	\$20.04	\$0.78	\$20.82	\$3.37	\$2.24	\$3.69	\$0.64	\$23.44	\$33.37	\$54.19
Standby	\$8.02	\$0.76							\$8.78	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
S30KJ043	1936-3	SCREENING & CRUSHING PLANTS, SURGE BIN, 25CY, BELT FEEDER, & 36" WIDE X 40' LONG CONVEYOR, PORTABLE, 2,000 TPH		Elec	15	HP	D-Off	20		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$16.67	\$0.79	\$17.46	\$1.40	\$0.77	\$1.31	\$0.23	\$16.05	\$19.76	\$37.22
Severe	\$20.83	\$0.81	\$21.64	\$1.68	\$1.11	\$3.69	\$0.64	\$24.37	\$31.49	\$53.13
Standby	\$8.34	\$0.79							\$9.13	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.10 CONVEYORS

KPI-JCI

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
S30KJ053	1436-60-20	SCREENING & CRUSHING PLANTS, SURGE BIN, 25CY, BELT FEEDER, & 36" WIDE X 60' LONG CONVEYOR, PORTABLE, 2,000 TPH		Elec	40	HP	D-Off	20		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$10.17	\$0.50	\$10.67	\$3.74	\$2.05	\$1.31	\$0.23	\$9.82	\$17.15	\$27.82
Severe	\$12.72	\$0.51	\$13.23	\$4.49	\$2.98	\$3.69	\$0.64	\$14.91	\$26.71	\$39.94
Standby	\$5.09	\$0.50							\$5.59	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
S30KJ054	1936-2	SCREENING & CRUSHING PLANTS, SURGE BIN, 25CY, BELT FEEDER, & 30" WIDE X 40' LONG CONVEYOR, PORTABLE, 1,500 TPH		Elec	15	HP	D-Off	18		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$11.79	\$0.57	\$12.36	\$1.40	\$0.77	\$1.31	\$0.23	\$11.37	\$15.08	\$27.44
Severe	\$14.74	\$0.58	\$15.32	\$1.68	\$1.11	\$3.69	\$0.64	\$17.27	\$24.39	\$39.71
Standby	\$5.90	\$0.57							\$6.47	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.10 CONVEYORS

KPI-JCI

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
S30KJ060	13-42150	SCREENING & CRUSHING PLANTS, CONVEYOR, 42" WIDE, 125' LONG CONVEYOR WITH 36" DEEP LATTICE FRAME, SINGLE AXLE, TELESCOPING UNDERCARRIAGE FOR RAISE & LOWER, CAPABLE OF RADIAL TRAVEL, HEAD AND TAIL FOLD FOR TRAVEL, UP TO 1000 TONS PER HOUR		Elec	75	HP	D-Off		125	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$15.51	\$0.77	\$16.28	\$7.02	\$3.85	\$2.96	\$0.51	\$15.00	\$29.34	\$45.62
Severe	\$19.39	\$0.79	\$20.18	\$8.42	\$5.59	\$8.75	\$1.51	\$22.77	\$47.04	\$67.22
Standby	\$7.76	\$0.77							\$8.53	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
S30KJ062	13-4280	SCREENING & CRUSHING PLANTS, CONVEYOR, 42" WIDE, 80' LONG CONVEYOR WITH 36" DEEP LATTICE FRAME, SINGLE AXLE, TELESCOPING UNDERCARRIAGE FOR RAIS AND LOWER, CAPABLE OF RADIAL TRAVEL, HEAD AND TAIL FOLD FOR TRAVEL, 1000 TONS PER HOUR		Elec	40	HP	D-Off		65	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$10.54	\$0.51	\$11.05	\$3.74	\$2.05	\$1.42	\$0.24	\$10.18	\$17.63	\$28.68
Severe	\$13.17	\$0.53	\$13.70	\$4.49	\$2.98	\$4.00	\$0.69	\$15.45	\$27.61	\$41.31
Standby	\$5.27	\$0.51							\$5.78	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.10 CONVEYORS

KPI-JCI

			Value TEV	Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT	
S30KJ063	13-42100	SCREENING & CRUSHING PLANTS, CONVEYOR, 42" WIDE, 100' LONG CONVEYOR WITH 36" DEEP LATTICE FRAME, SINGLE AXLE, TELESCOPING UNDERCARRIAGE FOR RAISE AND LOWER, CAPABLE OF RADIAL TRAVEL, HEAD AND TAIL FOLD FOR TRAVEL, 1000 TONS PER HOUR		Elec	57.5	HP	D-Off	82	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$13.26	\$0.64	\$13.90	\$5.38	\$2.95	\$1.42	\$0.24	\$12.79	\$22.78	\$36.68
Severe	\$16.57	\$0.65	\$17.22	\$6.46	\$4.29	\$4.00	\$0.69	\$19.41	\$34.85	\$52.07
Standby	\$6.63	\$0.64							\$7.27	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.10 CONVEYORS

KPI-JCI

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
S30KJ064	13-42125	SCREENING & CRUSHING PLANTS, CONVEYOR, 42" WIDE, 125' LONG CONVEYOR WITH 36" DEEP LATTICE FRAME, SINGLE AXLE, TELESCOPING UNDERCARRIAGE FOR RAIS AND LOWER, CAPABLE OF RADIAL TRAVEL, HEAD AND TAIL FOLD FOR TRAVEL, 1000 TONS PER HOUR		Elec	60	HP	D-Off		103	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$15.15	\$0.75	\$15.90	\$5.62	\$3.08	\$2.96	\$0.51	\$14.66	\$26.83	\$42.73
Severe	\$18.94	\$0.77	\$19.71	\$6.74	\$4.47	\$8.75	\$1.51	\$22.25	\$43.72	\$63.43
Standby	\$7.58	\$0.75							\$8.33	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
S30KJ065	13-30150	SCREENING & CRUSHING PLANTS, CONVEYOR, STACKING, 30" WIDE X 150' LONG, PORTABLE, 500 TPH		Elec	57.5	HP	D-Off		82	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$15.10	\$0.76	\$15.86	\$5.38	\$2.95	\$3.59	\$0.62	\$14.64	\$27.18	\$43.04
Severe	\$18.88	\$0.78	\$19.66	\$6.46	\$4.29	\$10.60	\$1.83	\$22.22	\$45.39	\$65.05
Standby	\$7.55	\$0.76							\$8.31	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.10 CONVEYORS

KPI-JCI

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
S30KJ066	13-36125	SCREENING & CRUSHING PLANTS, CONVEYOR, STACKING, 36" WIDE X 125' LONG, PORTABLE, 750 TPH		Elec	67.5	HP	D-Off	93		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$13.07	\$0.67	\$13.74	\$6.32	\$3.47	\$3.59	\$0.62	\$12.69	\$26.68	\$40.42
Severe	\$16.34	\$0.69	\$17.03	\$7.58	\$5.03	\$10.60	\$1.83	\$19.26	\$44.30	\$61.33
Standby	\$6.54	\$0.67							\$7.21	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
S30KJ067	13-36150	SCREENING & CRUSHING PLANTS, CONVEYOR, STACKING, 36" WIDE X 150' LONG, PORTABLE, 750 TPH		Elec	82.5	HP	D-Off	110		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$15.58	\$0.78	\$16.36	\$7.72	\$4.23	\$3.59	\$0.62	\$15.10	\$31.26	\$47.62
Severe	\$19.48	\$0.80	\$20.28	\$9.27	\$6.15	\$10.60	\$1.83	\$22.91	\$50.77	\$71.05
Standby	\$7.79	\$0.78							\$8.57	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.10 CONVEYORS

KPI-JCI

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
S30KJ070	13-24125	SCREENING & CRUSHING PLANTS, CONVEYOR, STACKING, 24" WIDE X 125' LONG, PORTABLE, 250 TPH		Elec	22.5	HP	D-Off	57		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.23	\$0.41	\$8.64	\$2.11	\$1.16	\$1.52	\$0.26	\$7.97	\$13.02	\$21.66
Severe	\$10.29	\$0.42	\$10.71	\$2.53	\$1.68	\$4.31	\$0.74	\$12.10	\$21.35	\$32.06
Standby	\$4.12	\$0.41							\$4.53	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
S30KJ071	13-24150	SCREENING & CRUSHING PLANTS, CONVEYOR, STACKING, 24" WIDE X 150' LONG, PORTABLE, 250 TPH		Elec	22.5	HP	D-Off	65		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$14.14	\$0.69	\$14.83	\$2.11	\$1.16	\$1.95	\$0.34	\$13.66	\$19.21	\$34.04
Severe	\$17.68	\$0.71	\$18.39	\$2.53	\$1.68	\$5.41	\$0.93	\$20.74	\$31.29	\$49.68
Standby	\$7.07	\$0.69							\$7.76	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.10 CONVEYORS

KPI-JCI

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
S30KJ072	13-30125	SCREENING & CRUSHING PLANTS, CONVEYOR, STACKING, 30" WIDE X 125' LONG, PORTABLE, 500 TPH		Elec	32.5	HP	D-Off	71		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$11.39	\$0.58	\$11.97	\$3.04	\$1.67	\$3.06	\$0.53	\$11.05	\$19.35	\$31.32
Severe	\$14.24	\$0.60	\$14.84	\$3.65	\$2.42	\$9.06	\$1.56	\$16.77	\$33.47	\$48.31
Standby	\$5.70	\$0.58							\$6.28	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
S30KJ082	11-2470	SCREENING & CRUSHING PLANTS, CONVEYOR, TRUSS FRAME, 24" WIDE X 70' LONG, WHEEL MTD, 250 TPH		Elec	10	HP	D-Off	115		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.54	\$0.25	\$4.79	\$0.94	\$0.52	\$1.94	\$0.34	\$4.44	\$8.17	\$12.96
Severe	\$5.67	\$0.26	\$5.93	\$1.12	\$0.74	\$5.54	\$0.96	\$6.74	\$15.10	\$21.03
Standby	\$2.27	\$0.25							\$2.52	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.10 CONVEYORS

KPI-JCI

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
S30KJ083	11-3050	SCREENING & CRUSHING PLANTS, CONVEYOR, TRUSS FRAME, 30" WIDE X 50' LONG, WHEEL MTD, 500 TPH		Elec	15	HP	D-Off	97		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.46	\$0.19	\$3.65	\$1.40	\$0.77	\$1.52	\$0.26	\$3.39	\$7.34	\$10.99
Severe	\$4.33	\$0.20	\$4.53	\$1.68	\$1.11	\$4.31	\$0.74	\$5.15	\$12.99	\$17.52
Standby	\$1.73	\$0.19							\$1.92	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
S30KJ084	11-3070	SCREENING & CRUSHING PLANTS, CONVEYOR, TRUSS FRAME, 30" WIDE X 70' LONG, WHEEL MTD, 1,000 TPH		Elec	20	HP	D-Off	124		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.73	\$0.26	\$4.99	\$1.87	\$1.03	\$1.94	\$0.34	\$4.63	\$9.80	\$14.79
Severe	\$5.91	\$0.26	\$6.17	\$2.25	\$1.49	\$5.54	\$0.96	\$7.02	\$17.26	\$23.43
Standby	\$2.37	\$0.26							\$2.63	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.10 CONVEYORS

KPI-JCI

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
S30KJ085	11-3650	SCREENING & CRUSHING PLANTS, CONVEYOR, TRUSS FRAME, 36" WIDE X 50' LONG, WHEEL MTD, 750 TPH		Elec	20	HP	D-Off	101		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.67	\$0.20	\$3.87	\$1.87	\$1.03	\$1.52	\$0.26	\$3.59	\$8.27	\$12.14
Severe	\$4.59	\$0.21	\$4.80	\$2.25	\$1.49	\$4.31	\$0.74	\$5.45	\$14.24	\$19.04
Standby	\$1.84	\$0.20							\$2.04	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
S30KJ086	11-3670	SCREENING & CRUSHING PLANTS, CONVEYOR, TRUSS FRAME, 36" WIDE X 70' LONG, WHEEL MTD, 750 TPH		Elec	25	HP	D-Off	137		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.03	\$0.27	\$5.30	\$2.34	\$1.28	\$1.94	\$0.34	\$4.92	\$10.82	\$16.12
Severe	\$6.29	\$0.28	\$6.57	\$2.81	\$1.86	\$5.54	\$0.96	\$7.46	\$18.63	\$25.20
Standby	\$2.52	\$0.27							\$2.79	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.10 CONVEYORS

KPI-JCI

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
S30KJ087	11-4250	SCREENING & CRUSHING PLANTS, CONVEYOR, TRUSS FRAME, 42" WIDE X 50' LONG, WHEEL MTD, 1,000 TPH		Elec	30	HP	D-Off	116		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.52	\$0.24	\$4.76	\$2.81	\$1.54	\$1.52	\$0.26	\$4.40	\$10.54	\$15.30
Severe	\$5.65	\$0.25	\$5.90	\$3.37	\$2.24	\$4.31	\$0.74	\$6.69	\$17.34	\$23.24
Standby	\$2.26	\$0.24							\$2.50	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
S30KJ088	11-4270	SCREENING & CRUSHING PLANTS, CONVEYOR, TRUSS FRAME, 42" WIDE X 70' LONG, WHEEL MTD, 1,000 TPH		Elec	40	HP	D-Off	161		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.84	\$0.40	\$8.24	\$3.74	\$2.05	\$1.94	\$0.34	\$7.61	\$15.68	\$23.92
Severe	\$9.80	\$0.41	\$10.21	\$4.49	\$2.98	\$5.54	\$0.96	\$11.55	\$25.52	\$35.73
Standby	\$3.92	\$0.40							\$4.32	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.10 CONVEYORS

PUTZMEISTER INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
S30PU003	TELEBELT TB 110	SCREENING & CRUSHING PLANTS, CONVEYOR, 18" WIDE X 106' LONG, 3 CY HOPPER & TREMIE, 4X8, TRUCK MTD, 360 CY/HR		D-Off	400	HP	D-Off	615		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$50.76	\$2.36	\$53.12	\$30.75	\$4.21	\$2.35	\$0.41	\$48.78	\$86.49	\$139.61
Severe	\$63.45	\$2.42	\$65.87	\$36.70	\$5.99	\$7.58	\$1.31	\$74.04	\$125.63	\$191.50
Standby	\$25.38	\$2.36							\$27.74	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
S30PU004	TELEBELT TB 130	SCREENING & CRUSHING PLANTS, CONVEYOR, 18" WIDE X 126' LONG, 3 CY HOPPER & TREMIE, 4X8, TRUCK MTD, 360 CY/HR		D-Off	400	HP	D-Off	763		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$61.79	\$2.87	\$64.66	\$30.75	\$4.21	\$2.20	\$0.38	\$59.36	\$96.90	\$161.56
Severe	\$77.24	\$2.94	\$80.18	\$36.70	\$5.99	\$7.01	\$1.21	\$90.11	\$141.02	\$221.20
Standby	\$30.90	\$2.87							\$33.77	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.20 CRUSHERS - VERTICAL & HORIZONTAL S

KPI-JCI										
				Value TEV		Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description	12/1/2017		Main			Carrier		CWT
S30KJ045	CS-4250	SCREENING & CRUSHING PLANTS, CRUSHER - SHAFT IMPACTOR, 42" X 52", 500 TPH, W/18' X 42" VIBRATORY FEEDER/ ADJUSTABLE GRIZZLY/ & BYPASS FEED, TRAILER MTD			D-Off	360	HP	D-Off		548
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$20.65	\$2.26	\$22.91	\$27.68	\$3.79	\$1.28	\$0.22	\$28.34	\$61.31	\$84.22
Severe	\$34.41	\$2.32	\$36.73	\$33.03	\$5.39	\$3.31	\$0.57	\$59.05	\$101.35	\$138.08
Standby	\$10.33	\$2.26							\$12.59	

S30 0.21 CRUSHERS - CONE

KPI-JCI										
				Value TEV		Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description	12/1/2017		Main			Carrier		CWT
S30KJ068	K200PM	SCREENING & CRUSHING PLANTS, CONE CRUSHER, 385 TPH, HOPPER FEED, 42" WIDE DISCHARGE CONVEYOR, TRAILER MTD (ADD 210KW GENERATOR)			Elec	215	HP	D-Off		340
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$17.88	\$1.96	\$19.84	\$20.12	\$11.04	\$1.52	\$0.26	\$29.47	\$62.41	\$82.25
Severe	\$29.80	\$2.02	\$31.82	\$24.15	\$16.02	\$4.17	\$0.72	\$65.48	\$110.55	\$142.37
Standby	\$8.94	\$1.96							\$10.90	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.21 CRUSHERS - CONE

KPI-JCI

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
S30KJ069	K300PM	SCREENING & CRUSHING PLANTS, CONE CRUSHER, 460 TPH, HOPPER FEED, 42" WIDE DISCHARGE CONVEYOR, TRAILER MTD (ADD 210KW GENERATOR)		Elec	315	HP	D-Off		825	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$22.68	\$2.49	\$25.17	\$29.48	\$16.17	\$1.95	\$0.34	\$37.38	\$85.32	\$110.49
Severe	\$37.81	\$2.56	\$40.37	\$35.38	\$23.48	\$5.28	\$0.91	\$83.07	\$148.12	\$188.49
Standby	\$11.34	\$2.49							\$13.83	

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
S30XX041	TP450	CONE CRUSHER, 500 TPH AT 1.5" DIA, TRAILER MTD, (ADD 350 KW GEN) (TOWED BY 60 KGVW TRUCK) INCLUDES ALL CONTROLS AND DISCHARGE CONVEYOR		Elec	500	HP	D-Off		123	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$14.94	\$1.64	\$16.58	\$46.80	\$25.67	\$1.18	\$0.20	\$24.63	\$98.49	\$115.07
Severe	\$24.91	\$1.69	\$26.60	\$56.16	\$37.26	\$3.07	\$0.53	\$54.73	\$151.75	\$178.35
Standby	\$7.47	\$1.64							\$9.11	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.22 CRUSHERS - JAW

KPI-JCI

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
S30KJ056	CS2650	SCREENING & CRUSHING PLANTS, JAW CRUSHER, TRIPLE AXLE CHASSIS, 2650 VANGUARD JAW CRUSHER, 50" WIDE X 20' LONG VIBRATING GRIZZLY FEEDER WITH BYPASS CHUTE, ELECTRIC MOTOR WITH V-BELT DRIVE, 165 TONS PER HOUR (ADD 150 KW GENERATOR)		D-Off	175	HP	D-Off	590		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$20.41	\$2.24	\$22.65	\$13.45	\$1.84	\$1.84	\$0.32	\$18.22	\$35.67	\$58.32
Severe	\$34.01	\$2.31	\$36.32	\$16.06	\$2.62	\$4.97	\$0.86	\$39.71	\$64.22	\$100.54
Standby	\$10.21	\$2.24							\$12.45	

TELSMITH INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
S30TS001	JP3258	SCREENING & CRUSHING PLANTS, CRUSHER - HYDRAULIC JAW, 32" X 58" FEED OPENING, TRAILER MTD		D-Off	365	HP	D-Off	1260		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$24.78	\$2.71	\$27.49	\$28.06	\$3.84	\$1.70	\$0.29	\$22.12	\$56.01	\$83.50
Severe	\$41.31	\$2.79	\$44.10	\$33.49	\$5.47	\$4.41	\$0.76	\$48.21	\$92.34	\$136.44
Standby	\$12.39	\$2.71							\$15.10	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.22 CRUSHERS - JAW

TELSMITH INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
S30TS002	JP3244	SCREENING & CRUSHING PLANTS, CRUSHER - HYDRAULIC JAW, 9.5 CY HOPPER, 32" X 44" FEED OPENING, TRAILER MTD		D-Off	275	HP	D-Off	894		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$20.61	\$2.25	\$22.86	\$21.14	\$2.89	\$1.28	\$0.22	\$18.39	\$43.92	\$66.78
Severe	\$34.34	\$2.32	\$36.66	\$25.23	\$4.12	\$3.31	\$0.57	\$40.08	\$73.31	\$109.97
Standby	\$10.31	\$2.25							\$12.56	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
S30TS003	JP2550	SCREENING & CRUSHING PLANTS, CRUSHER - HYDRAULIC JAW, 10.5 CY HOPPER, 25" X 50" FEED OPENING, TRAILER MTD		D-Off	275	HP	D-Off	832		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$19.13	\$2.09	\$21.22	\$21.14	\$2.89	\$1.28	\$0.22	\$17.07	\$42.60	\$63.82
Severe	\$31.88	\$2.15	\$34.03	\$25.23	\$4.12	\$3.31	\$0.57	\$37.21	\$70.44	\$104.47
Standby	\$9.57	\$2.09							\$11.66	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.22 CRUSHERS - JAW

TELSMITH INC.

			Value TEV	Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT	
S30TS004	JP2238	SCREENING & CRUSHING PLANTS, CRUSHER - HYDRAULIC JAW, 9.5 CY HOPPER, 22" X 38" FEED OPENING, TRAILER MTD		D-Off	275	HP	D-Off	637	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$17.25	\$1.88	\$19.13	\$21.14	\$2.89	\$0.85	\$0.15	\$15.38	\$40.41	\$59.54
Severe	\$28.74	\$1.93	\$30.67	\$25.23	\$4.12	\$2.21	\$0.38	\$33.53	\$65.47	\$96.14
Standby	\$8.63	\$1.88							\$10.51	

S30 0.30 SCREENING PLANT

EXCEL MACHINERY LTD.

			Value TEV	Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT	
S30EM001	2" GRIZZLY SCREEN	SCREENING & CRUSHING PLANTS, STATIC GRIZZLY SINGLE SCREEN, 10"W X 7'4"D, SQUARE TUBING WITH 2" SPACES		D-Off		D-Off		100	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.04	\$0.05	\$1.09	\$0.00	\$0.00	\$0.00	\$0.00	\$1.14	\$1.14	\$2.23
Severe	\$1.30	\$0.05	\$1.35	\$0.00	\$0.00	\$0.00	\$0.00	\$1.78	\$1.78	\$3.13
Standby	\$0.52	\$0.05							\$0.57	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.30 SCREENING PLANT

EXCEL MACHINERY LTD.

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
S30EM002	6" GRIZZLY SCREEN	SCREENING & CRUSHING PLANTS, STATIC GRIZZLY SINGLE SCREEN, 14'W X 9'D, SQUARE TUBING WITH 6" SPACES						D-Off	D-Off	200	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$2.31	\$0.11	\$2.42	\$0.00	\$0.00	\$0.00	\$0.00	\$2.53	\$2.53	\$4.95	
Severe	\$2.88	\$0.11	\$2.99	\$0.00	\$0.00	\$0.00	\$0.00	\$3.95	\$3.95	\$6.94	
Standby	\$1.16	\$0.11							\$1.27		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
S30EM003	PORTABLE WASH PLANT	SCREENING & CRUSHING PLANTS, TRAILER MOUNTED WASH PLANT, 36" X 25' SINGLE SCREW FINE MATERIAL WASHER (WIRE SCREEN CLOTH), SPRAY SYSTEM, DISCHARGE CHUTES						D-Off	D-Off	400	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$16.45	\$0.78	\$17.23	\$0.00	\$0.00	\$0.85	\$0.15	\$18.09	\$19.09	\$36.32	
Severe	\$20.56	\$0.79	\$21.35	\$0.00	\$0.00	\$2.21	\$0.38	\$28.26	\$30.85	\$52.20	
Standby	\$8.23	\$0.78							\$9.01		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.30 SCREENING PLANT

KPI-JCI

			Value TEV	Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT	
S30KJ048	616 E-3	SCREENING & CRUSHING PLANTS, SCREENING PLANT, 6' X 16', VIBRATORY SLOPE TRIPLE DECK SCREENS, W/HOPPER/ 36" X 28.5' FEEDER CONVEYOR/ 48" X27' UNDER SCREEN CONVEYOR/ & 24" X 20' SIDE DELIVERY CONVEYOR, TRAILER MTD		Elec	85	HP	D-Off	280	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$18.41	\$0.88	\$19.29	\$7.96	\$4.37	\$1.52	\$0.26	\$20.26	\$34.37	\$53.66
Severe	\$23.01	\$0.90	\$23.91	\$9.55	\$6.34	\$4.31	\$0.74	\$31.66	\$52.60	\$76.51
Standby	\$9.21	\$0.88							\$10.09	

			Value TEV	Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT	
S30KJ049	620 E-3	SCREENING & CRUSHING PLANTS, SCREENING PLANT, 6' X 20' VIBRATORY SLOPE TRIPLE DECK SCREENS, W/HOPPER/ 42" X 34' FEEDER CONVEYOR/ 60" X 25' UNDER SCREEN CONVEYOR/ & 30" X 15' SIDE DELIVERY CONVEYOR, TRAILER MTD		Elec	90	HP	D-Off	355	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$20.65	\$1.03	\$21.68	\$8.42	\$4.62	\$3.95	\$0.68	\$22.85	\$40.52	\$62.20
Severe	\$25.81	\$1.06	\$26.87	\$10.11	\$6.71	\$11.26	\$1.94	\$35.71	\$65.72	\$92.59
Standby	\$10.33	\$1.03							\$11.36	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.30 SCREENING PLANT

KPI-JCI

			Value TEV	Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT	
S30KJ050	1822P	SCREENING & CRUSHING PLANTS, WASHING/SCREENING PLANT, 6' X 16' TRIPLE DECK INCLINE SCREEN WITH SPRAY BARS, CHUTEWORK AND FINES COLLECTION, 5036-25 TWIN SAND PREP, TANDEM AXLE PORTABLE CHASSIS		Elec	40	HP	D-Off	530	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$35.37	\$1.64	\$37.01	\$3.74	\$2.05	\$0.85	\$0.15	\$38.84	\$45.63	\$82.64
Severe	\$44.21	\$1.68	\$45.89	\$4.49	\$2.98	\$2.21	\$0.38	\$60.69	\$70.74	\$116.63
Standby	\$17.69	\$1.64							\$19.33	

			Value TEV	Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT	
S30KJ051	1830P	SCREENING & CRUSHING PLANTS, WASHING/SCREENING PLANT, 6' X 20' TRIPLE DECK INCLINE SCREEN WITH SPRAY BARS, CHUTEWORK AND FINES COLLECTION, 5044-32 TWIN SAND PREP, TRIPLE AXLE PORTABLE CHASSIS		Elec	40	HP	D-Off	752	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$43.56	\$2.03	\$45.59	\$3.74	\$2.05	\$1.28	\$0.22	\$47.85	\$55.14	\$100.73
Severe	\$54.45	\$2.08	\$56.53	\$4.49	\$2.98	\$3.31	\$0.57	\$74.77	\$86.11	\$142.64
Standby	\$21.78	\$2.03							\$23.81	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.30 SCREENING PLANT

KPI-JCI

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
S30KJ052	7208-32 S/P	SCREENING & CRUSHING PLANTS, CLASSIFYING PLANT, 8'W X 32'L TANK WITH FEED BOX, OVERFLOW COLLECTING FLUME AND ADJUSTABLE OVERFLOW WEIR BOARDS, WALKWAY, COLLECTING FLUME WITH DISCHARGE BOX, SPEC-SELECT WBSM CONTROL AND MONITORING SYSTEM		Elec	3	HP	D-Off	423		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$38.96	\$1.79	\$40.75	\$0.28	\$0.15	\$0.00	\$0.00	\$42.73	\$43.17	\$83.92
Severe	\$48.70	\$1.83	\$50.53	\$0.34	\$0.23	\$0.00	\$0.00	\$66.77	\$67.33	\$117.86
Standby	\$19.48	\$1.79							\$21.27	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.30 SCREENING PLANT

KPI-JCI

			Value TEV	Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT	
S30KJ061	7110-40P	SCREENING & CRUSHING PLANTS, 10' WIDE X 40' LONG CLASSIFYING TANK WITH FEED BOX, OVERFLOW COLLECTING FLUME AND ADJUSTABLE OVERFLOW WEIR BOARDS, WALKWAY, COLLECTING FLUME WITH DISCHARGE BOX, WINDOWS BASED CONTROL SYSTEM		Elec	10	HP	D-Off	527	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$38.91	\$1.84	\$40.75	\$0.94	\$0.52	\$2.28	\$0.39	\$42.80	\$46.93	\$87.68
Severe	\$48.64	\$1.88	\$50.52	\$1.12	\$0.74	\$6.27	\$1.08	\$66.88	\$76.10	\$126.62
Standby	\$19.46	\$1.84							\$21.30	

METSO MINERALS

			Value TEV	Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT	
S30RA002	ST2.4	MOBILE SCREENING PLANT, 2 DECKS, 6.6 CY HOPPER, 5'X12' SCREENS, 3 DISCHARGE CONVEYORS		D-Off	102	HP	D-Off	584	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$20.50	\$0.94	\$21.44	\$7.84	\$1.07	\$0.00	\$0.00	\$22.48	\$31.40	\$52.84
Severe	\$25.63	\$0.96	\$26.59	\$9.36	\$1.53	\$0.00	\$0.00	\$35.13	\$46.02	\$72.61
Standby	\$10.25	\$0.94							\$11.19	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.30 SCREENING PLANT

METSO MINERALS

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
S30RA004	ST3.8	MOBILE SCREENING PLANT, 2 DECKS, 9.6 CY HOPPER, 18' X 5' SCREENS, 3 DISCHARGE CONVEYORS		D-Off	142	HP	D-Off	620		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$28.09	\$1.29	\$29.38	\$10.92	\$1.49	\$0.00	\$0.00	\$30.81	\$43.23	\$72.61
Severe	\$35.12	\$1.32	\$36.44	\$13.03	\$2.13	\$0.00	\$0.00	\$48.14	\$63.30	\$99.74
Standby	\$14.05	\$1.29							\$15.34	

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
S30XX038	STATIC GRIZZLY 2"	GRIZZLY SCREEN, 10' W X 8.5' H X 7.3' D, 2" BAR SPACING		D-Off		D-Off		20		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.77	\$0.04	\$0.81	\$0.00	\$0.00	\$0.00	\$0.00	\$0.84	\$0.84	\$1.65
Severe	\$0.96	\$0.04	\$1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1.32	\$1.32	\$2.32
Standby	\$0.39	\$0.04							\$0.43	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S300.30SCREENING PLANT

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT
S30XX039	STATIC GRIZZLY 8" SPACING	GRIZZLY SCREEN, 14' W X 9' H X 8' D, 8" BAR		D-Off	D-Off	20

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.17	\$0.05	\$1.22	\$0.00	\$0.00	\$0.00	\$0.00	\$1.29	\$1.29	\$2.51
Severe	\$1.47	\$0.06	\$1.53	\$0.00	\$0.00	\$0.00	\$0.00	\$2.01	\$2.01	\$3.54
Standby	\$0.59	\$0.05							\$0.64	

S35 SNOW REMOVAL EQUIPMENT

S350.00SNOW REMOVAL EQUIPMENT

HAULPAK DIVISION

			Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT
S35WA001	EX1270	SNOW REMOVAL EQUIPMENT, SNOW PLOW, REVERSIBLE, 10' CUTTING WIDTH (ADD DUMP TRUCK)		D-Off	D-Off	24

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.66	\$0.07	\$1.73	\$0.00	\$0.00	\$0.00	\$0.00	\$2.04	\$2.04	\$3.77
Standby	\$0.83	\$0.07							\$0.90	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S35 SNOW REMOVAL EQUIPMENT

S35 0.00 SNOW REMOVAL EQUIPMENT

HAULPAK DIVISION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
S35WA002	MP BLOWER	SNOW REMOVAL EQUIPMENT, LOADER MOUNTED SNOW BLOWER, 114" CUTTING WIDTH, 1800 TPH (ADD 3-3.5 CY FRONT END WHEEL LOADER)		D-Off	300	HP	D-Off	100		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$16.60	\$0.75	\$17.35	\$23.06	\$3.16	\$0.00	\$0.00	\$20.48	\$46.70	\$64.05
Standby	\$8.30	\$0.75							\$9.05	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
S35WA003	TOMCAT PLOW	SNOW REMOVAL EQUIPMENT, RUNWAY SNOW PLOW, 24' WIDE, 20' CUTTING WIDTH, 6' DISCHARGE HEIGHT, REVERSIBLE (ADD 50+ KGVW TRUCK)		D-Off		D-Off		90		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$10.69	\$0.48	\$11.17	\$0.00	\$0.00	\$0.00	\$0.00	\$13.18	\$13.18	\$24.35
Standby	\$5.35	\$0.48							\$5.83	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S35 SNOW REMOVAL EQUIPMENT

S35 0.00 SNOW REMOVAL EQUIPMENT

HAULPAK DIVISION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
S35WA004	TU3 BLOWER	SNOW REMOVAL EQUIPMENT, TRUCK MOUNTED SNOW BLOWER, 102" CUTTING WIDTH, 2500 TPH (ADD 45K GVW TRUCK)		D-Off	425	HP	D-Off	140		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$28.40	\$1.28	\$29.68	\$32.67	\$4.47	\$0.00	\$0.00	\$35.04	\$72.18	\$101.86
Standby	\$14.20	\$1.28							\$15.48	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
S35WA005	HSS 2658	SNOW REMOVAL EQUIPMENT, SNOW PLOW, 1-WAY 9.67' CUTTING WIDTH (ADD DUMP TRUCK)		D-Off		D-Off		25		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.32	\$0.06	\$1.38	\$0.00	\$0.00	\$0.00	\$0.00	\$1.62	\$1.62	\$3.00
Standby	\$0.66	\$0.06							\$0.72	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
S35WA006	VX58100 V PLOW	SNOW REMOVAL EQUIPMENT, SNOW PLOW, V PLOW, 10' CUTTING WIDTH (ADD DUMP TRUCK)		D-Off		D-Off		31		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.89	\$0.09	\$1.98	\$0.00	\$0.00	\$0.00	\$0.00	\$2.33	\$2.33	\$4.31
Standby	\$0.95	\$0.09							\$1.04	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S35 SNOW REMOVAL EQUIPMENT

S350.00SNOW REMOVAL EQUIPMENT

S40 SOIL & ROAD STABILIZERS

S400.00SOIL & ROAD STABILIZERS

BOMAG

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
S40BO001	RS446	SOIL & ROAD STABILIZER, 20" DEEP X 96" WIDE HYDROSTATIC RECLAIMER/SOIL STABILIZER, 4X2		D-Off	415	HP	D-Off	564		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$53.72	\$3.07	\$56.79	\$34.99	\$4.79	\$8.50	\$1.47	\$69.98	\$119.72	\$176.51
Severe	\$67.15	\$3.14	\$70.29	\$45.28	\$6.20	\$24.72	\$4.26	\$97.76	\$178.22	\$248.51
Standby	\$26.86	\$3.07							\$29.93	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
S40BO002	MPH-364 R-2	SOIL & ROAD STABILIZER, 12" DEEP X 9.6' WIDE, HYDROSTATIC RECLAIMER/ SOIL STABILIZER, 4X2		D-Off	360	HP	D-Off	390		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$37.50	\$2.11	\$39.61	\$30.36	\$4.15	\$1.68	\$0.29	\$48.67	\$85.16	\$124.77
Severe	\$46.87	\$2.15	\$49.02	\$39.28	\$5.38	\$4.79	\$0.83	\$68.00	\$118.27	\$167.29
Standby	\$18.75	\$2.11							\$20.86	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S40 SOIL & ROAD STABILIZERS

S40 0.00 SOIL & ROAD STABILIZERS

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
S40CA003	RM-300	SOIL & ROAD STABILIZER, 20" DEEP X 96" WIDE, HYDROSTATIC ROAD RECLAIMER/ SOIL STABILIZER, 4X4		D-Off	350	HP	D-Off	534		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$48.55	\$2.73	\$51.28	\$29.51	\$4.04	\$1.76	\$0.30	\$63.01	\$98.63	\$149.91
Severe	\$60.69	\$2.78	\$63.47	\$38.19	\$5.23	\$4.80	\$0.83	\$88.03	\$137.08	\$200.55
Standby	\$24.28	\$2.73							\$27.01	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
S40CA004	RM-500	SOIL & ROAD STABILIZER, 64" DEEP X 96" WIDE, HYDROSTATIC ROAD RECLAIMER/ SOIL STABILIZER, 4X4		D-Off	540	HP	D-Off	592		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$72.18	\$4.08	\$76.26	\$45.53	\$6.23	\$4.76	\$0.82	\$93.79	\$151.13	\$227.39
Severe	\$90.23	\$4.16	\$94.39	\$58.92	\$8.06	\$12.57	\$2.17	\$131.03	\$212.75	\$307.14
Standby	\$36.09	\$4.08							\$40.17	

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

S45 SPLITTERS, ROCK & CONCRETE

S45 0.00 SPLITTERS, ROCK & CONCRETE

ELCO INTERNATIONAL INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
S45DA004	SIZE 2 W/ GAS POWER	HYDRAULIC SPLITTER, ROCK & CONCRETE, 220 TON SPLITTING FORCE, SIZE 2, 1.19" DIA X 12" DEEP HOLE REQ'D; INCLUDES GAS POWER PACK		Gas	3.75	HP	D-Off	1		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.27	\$0.08	\$2.35	\$0.50	\$0.08	\$0.00	\$0.00	\$3.51	\$4.08	\$6.43
Standby	\$1.14	\$0.08							\$1.22	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
S45DA005	SIZE 9 W/ GAS POWER	HYDRAULIC SPLITTER, ROCK & CONCRETE, 220 TON SPLITTING FORCE, SIZE 9, 1.75" DIA X 18" DEEP HOLE REQ'D; INCLUDES GAS POWER PACK		Gas	3.75	HP	D-Off	1		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.48	\$0.09	\$2.57	\$0.50	\$0.08	\$0.00	\$0.00	\$3.82	\$4.40	\$6.97
Standby	\$1.24	\$0.09							\$1.33	

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

S45 SPLITTERS, ROCK & CONCRETE

S45 0.00 SPLITTERS, ROCK & CONCRETE

ELCO INTERNATIONAL INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
S45DA007	SIZE 12 W/ GAS POWER	HYDRAULIC SPLITTER, ROCK & CONCRETE, 385 TON SPLITTING FORCE, SIZE 12, 1.75" DIA X 26" DEEP HOLE REQ'D; INCLUDES GAS POWER PACK		Gas	3.75	HP	D-Off	1		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.76	\$0.10	\$2.86	\$0.50	\$0.08	\$0.00	\$0.00	\$4.25	\$4.83	\$7.69
Standby	\$1.38	\$0.10							\$1.48	

T10 TRACTOR BLADES & ATTACHMENTS (including agricultural)

T10 0.00 TRACTOR BLADES & ATTACHMENTS (incl

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T10CA001	D3	TRACTOR ATTACHMENTS, BLADE, LGP, ACCUGRAD ACCUGRADE, HYDRAULIC, 2.17 CY (ADD D3 E BLADE TRACTOR)		D-Off		D-Off		15		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.19	\$0.07	\$1.26	\$0.00	\$0.00	\$0.00	\$0.00	\$1.50	\$1.50	\$2.76
Severe	\$1.49	\$0.07	\$1.56	\$0.00	\$0.00	\$0.00	\$0.00	\$2.10	\$2.10	\$3.66
Standby	\$0.60	\$0.07							\$0.67	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T10 TRACTOR BLADES & ATTACHMENTS (including agricultural)

T10 0.00 TRACTOR BLADES & ATTACHMENTS (incl

CATERPILLAR INC. (MACHINE DIVISION)

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
T10CA002	D3-PA40	TRACTOR ATTACHMENTS, POWER WINCH, W/250' CABLE, FOR D3 (ADD D3 TRACTOR)						D-Off	D-Off	21	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$2.12	\$0.12	\$2.24	\$0.00	\$0.00	\$0.00	\$0.00	\$2.66	\$2.66	\$4.90	
Severe	\$2.65	\$0.12	\$2.77	\$0.00	\$0.00	\$0.00	\$0.00	\$3.74	\$3.74	\$6.51	
Standby	\$1.06	\$0.12							\$1.18		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
T10CA004	D4	TRACTOR ATTACHMENTS, BLADE, LGP, ACCUGRAD ACCUGRADE, HYDRAULIC, 2.42 CY (ADD D4 E BLADE TRACTOR)						D-Off	D-Off	17	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$1.00	\$0.06	\$1.06	\$0.00	\$0.00	\$0.00	\$0.00	\$1.25	\$1.25	\$2.31	
Severe	\$1.25	\$0.06	\$1.31	\$0.00	\$0.00	\$0.00	\$0.00	\$1.76	\$1.76	\$3.07	
Standby	\$0.50	\$0.06							\$0.56		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T10 TRACTOR BLADES & ATTACHMENTS (including agricultural)

T10 0.00 TRACTOR BLADES & ATTACHMENTS (incl

CATERPILLAR INC. (MACHINE DIVISION)

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
T10CA005	D4-PA40	TRACTOR ATTACHMENTS, POWER WINCH, W/250' CABLE, FOR D4 (ADD D4 TRACTOR)						D-Off	D-Off	21	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$2.12	\$0.12	\$2.24	\$0.00	\$0.00	\$0.00	\$0.00	\$2.66	\$2.66	\$4.90	
Severe	\$2.65	\$0.12	\$2.77	\$0.00	\$0.00	\$0.00	\$0.00	\$3.74	\$3.74	\$6.51	
Standby	\$1.06	\$0.12							\$1.18		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
T10CA007	D5	TRACTOR ATTACHMENTS, BLADE, ACCUGRAD ACCUGRADE, HYDRAULIC, 2.86 CY (ADD D5 E BLADE TRACTOR)						D-Off	D-Off	18	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$1.23	\$0.07	\$1.30	\$0.00	\$0.00	\$0.00	\$0.00	\$1.54	\$1.54	\$2.84	
Severe	\$1.54	\$0.07	\$1.61	\$0.00	\$0.00	\$0.00	\$0.00	\$2.17	\$2.17	\$3.78	
Standby	\$0.62	\$0.07							\$0.69		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T10 TRACTOR BLADES & ATTACHMENTS (including agricultural)

T10 0.00 TRACTOR BLADES & ATTACHMENTS (incl

CATERPILLAR INC. (MACHINE DIVISION)

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
T10CA008	D5-PA40	TRACTOR ATTACHMENTS, POWER WINCH, FOR D5 (ADD D5 TRACTOR)					D-Off		D-Off	26	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$2.13	\$0.12	\$2.25	\$0.00	\$0.00	\$0.00	\$0.00	\$2.68	\$2.68	\$4.93	
Severe	\$2.67	\$0.12	\$2.79	\$0.00	\$0.00	\$0.00	\$0.00	\$3.76	\$3.76	\$6.55	
Standby	\$1.07	\$0.12							\$1.19		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
T10CA009	D6 SU BLADE XL	TRACTOR ATTACHMENTS, BLADE, SEMI-UNIVERSAL, HYDRAULIC, 7.26 CY (ADD D6 TRACTOR)					D-Off		D-Off	57	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$1.46	\$0.08	\$1.54	\$0.00	\$0.00	\$0.00	\$0.00	\$1.84	\$1.84	\$3.38	
Severe	\$1.83	\$0.08	\$1.91	\$0.00	\$0.00	\$0.00	\$0.00	\$2.58	\$2.58	\$4.49	
Standby	\$0.73	\$0.08							\$0.81		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T10 TRACTOR BLADES & ATTACHMENTS (including agricultural)

T10 0.00 TRACTOR BLADES & ATTACHMENTS (incl

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
T10CA010	D6 VPAT BLADE	TRACTOR ATTACHMENTS, BLADE, POWER ANGLE, HYDRAULIC, 6.07 CY (ADD D6 TRACTOR)		D-Off	D-Off	37				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.39	\$0.19	\$3.58	\$0.00	\$0.00	\$0.00	\$0.00	\$4.25	\$4.25	\$7.83
Severe	\$4.24	\$0.19	\$4.43	\$0.00	\$0.00	\$0.00	\$0.00	\$5.98	\$5.98	\$10.41
Standby	\$1.70	\$0.19							\$1.89	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
T10CA011	D6-PA56 WINCH	TRACTOR ATTACHMENTS, POWER WINCH, W/CABLE, FOR D6 (ADD D6 TRACTOR)		D-Off	D-Off	27				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.13	\$0.23	\$4.36	\$0.00	\$0.00	\$0.00	\$0.00	\$5.18	\$5.18	\$9.54
Severe	\$5.16	\$0.23	\$5.39	\$0.00	\$0.00	\$0.00	\$0.00	\$7.28	\$7.28	\$12.67
Standby	\$2.07	\$0.23							\$2.30	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T10TRACTOR BLADES & ATTACHMENTS (including agricultural)

T100.00TRACTOR BLADES & ATTACHMENTS (incl

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
T10CA012	D7	TRACTOR ATTACHMENTS, BLADE, STRAIGHT, STRAIGHT BLADE TRACTOR)		D-Off	D-Off	77				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.05	\$0.17	\$3.22	\$0.00	\$0.00	\$0.00	\$0.00	\$3.83	\$3.83	\$7.05
Severe	\$3.81	\$0.17	\$3.98	\$0.00	\$0.00	\$0.00	\$0.00	\$5.38	\$5.38	\$9.36
Standby	\$1.53	\$0.17							\$1.70	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
T10CA013	D7	TRACTOR ATTACHMENTS, BLADE, UNIVERSAL, UNIVERSAL BLADE TRACTOR)		D-Off	D-Off	86				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.56	\$0.20	\$3.76	\$0.00	\$0.00	\$0.00	\$0.00	\$4.46	\$4.46	\$8.22
Severe	\$4.45	\$0.20	\$4.65	\$0.00	\$0.00	\$0.00	\$0.00	\$6.28	\$6.28	\$10.93
Standby	\$1.78	\$0.20							\$1.98	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T10 TRACTOR BLADES & ATTACHMENTS (including agricultural)

T10 0.00 TRACTOR BLADES & ATTACHMENTS (incl

CATERPILLAR INC. (MACHINE DIVISION)

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
T10CA014	D7 ANGLE BLADE	TRACTOR ATTACHMENTS, BLADE, POWER ANGLE, HYDRAULIC, FOR D7, 6.74 CY (ADD D7 TRACTOR)						D-Off	D-Off	78	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$4.21	\$0.23	\$4.44	\$0.00	\$0.00	\$0.00	\$0.00	\$5.28	\$5.28	\$9.72	
Severe	\$5.26	\$0.24	\$5.50	\$0.00	\$0.00	\$0.00	\$0.00	\$7.43	\$7.43	\$12.93	
Standby	\$2.11	\$0.23							\$2.34		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
T10CA015	D7 PA90 POWER WINCH	TRACTOR ATTACHMENTS, POWER WINCH, VARIABLE SPEED (ADD D7 TRACTOR)					D-Off		D-Off	5	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$4.83	\$0.27	\$5.10	\$0.00	\$0.00	\$0.00	\$0.00	\$6.06	\$6.06	\$11.16	
Severe	\$6.04	\$0.27	\$6.31	\$0.00	\$0.00	\$0.00	\$0.00	\$8.52	\$8.52	\$14.83	
Standby	\$2.42	\$0.27							\$2.69		

* - Adjustable Elements

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Hourly Equipment Ownership and Operating Expense

T10 TRACTOR BLADES & ATTACHMENTS (including agricultural)

T10 0.00 TRACTOR BLADES & ATTACHMENTS (incl

CATERPILLAR INC. (MACHINE DIVISION)

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
T10CA016	D8-SU	TRACTOR ATTACHMENTS, BLADE, STRAIGHT, HYDRAULIC, FOR D8, 6.09 CY (ADD D8 TRACTOR)						D-Off	D-Off	73	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$3.35	\$0.18	\$3.53	\$0.00	\$0.00	\$0.00	\$0.00	\$4.20	\$4.20	\$7.73	
Severe	\$4.18	\$0.19	\$4.37	\$0.00	\$0.00	\$0.00	\$0.00	\$5.90	\$5.90	\$10.27	
Standby	\$1.68	\$0.18							\$1.86		

							Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT
T10CA017	D8-U	TRACTOR ATTACHMENTS, BLADE, UNIVERSAL, HYDRAULIC, FOR D8, 15.30 CY (ADD D8 TRACTOR)						D-Off	D-Off	86
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.82	\$0.21	\$4.03	\$0.00	\$0.00	\$0.00	\$0.00	\$4.79	\$4.79	\$8.82
Severe	\$4.77	\$0.22	\$4.99	\$0.00	\$0.00	\$0.00	\$0.00	\$6.74	\$6.74	\$11.73
Standby	\$1.91	\$0.21							\$2.12	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T10 TRACTOR BLADES & ATTACHMENTS (including agricultural)

T10 0.00 TRACTOR BLADES & ATTACHMENTS (incl

CATERPILLAR INC. (MACHINE DIVISION)

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
T10CA020	D8, PA140VS WINCH	TRACTOR ATTACHMENTS, POWER WINCH, (ADD D8 TRACTOR)					D-Off		D-Off	46	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$6.24	\$0.34	\$6.58	\$0.00	\$0.00	\$0.00	\$0.00	\$7.83	\$7.83	\$14.41	
Severe	\$7.80	\$0.35	\$8.15	\$0.00	\$0.00	\$0.00	\$0.00	\$11.02	\$11.02	\$19.17	
Standby	\$3.12	\$0.34							\$3.46		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
T10CA021	D9-SU	TRACTOR ATTACHMENTS, BLADE, SEMI-U, LANDFILL, HYDRAULIC, FOR D9, 17.70 CY (ADD D9 TRACTOR)						D-Off	D-Off	143	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$8.80	\$0.49	\$9.29	\$0.00	\$0.00	\$0.00	\$0.00	\$11.04	\$11.04	\$20.33	
Severe	\$11.00	\$0.50	\$11.50	\$0.00	\$0.00	\$0.00	\$0.00	\$15.53	\$15.53	\$27.03	
Standby	\$4.40	\$0.49							\$4.89		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T10 TRACTOR BLADES & ATTACHMENTS (including agricultural)

T10 0.00 TRACTOR BLADES & ATTACHMENTS (incl

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
T10CA022	D9-U	TRACTOR ATTACHMENTS, BLADE, UNIVERSAL, HYDRAULIC, FOR D9, 21.40 CY (ADD D9 TRACTOR)		D-Off	D-Off	137				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.13	\$0.50	\$9.63	\$0.00	\$0.00	\$0.00	\$0.00	\$11.46	\$11.46	\$21.09
Severe	\$11.41	\$0.51	\$11.92	\$0.00	\$0.00	\$0.00	\$0.00	\$16.11	\$16.11	\$28.03
Standby	\$4.57	\$0.50							\$5.07	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
T10CA023	D9, PA140VS WINCH	TRACTOR ATTACHMENTS, POWER WINCH, W/CABLE, FOR D9 (ADD D9 TRACTOR)		D-Off	D-Off	6				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.25	\$0.51	\$9.76	\$0.00	\$0.00	\$0.00	\$0.00	\$11.61	\$11.61	\$21.37
Severe	\$11.56	\$0.52	\$12.08	\$0.00	\$0.00	\$0.00	\$0.00	\$16.32	\$16.32	\$28.40
Standby	\$4.63	\$0.51							\$5.14	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T10 TRACTOR BLADES & ATTACHMENTS (including agricultural)

T10 0.00 TRACTOR BLADES & ATTACHMENTS (incl

CATERPILLAR INC. (MACHINE DIVISION)

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
T10CA024	D10-SU ABRASION	TRACTOR ATTACHMENTS, BLADE, SEMI-U, HYDRAULIC, FOR D10, 24.20 CY (ADD D10 TRACTOR)					D-Off		D-Off	357	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$6.23	\$0.34	\$6.57	\$0.00	\$0.28	\$0.00	\$0.00	\$7.82	\$8.10	\$14.67	
Severe	\$7.79	\$0.35	\$8.14	\$0.00	\$0.28	\$0.00	\$0.00	\$10.99	\$11.27	\$19.41	
Standby	\$3.12	\$0.34							\$3.46		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
T10CA025	D10-U	TRACTOR ATTACHMENTS, BLADE, UNIVERSAL, ABRASION HYDRAULIC, FOR D10, 28.70 CY (ADD D10 TRACTOR)						D-Off	D-Off	251	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$7.07	\$0.39	\$7.46	\$0.00	\$0.29	\$0.00	\$0.00	\$8.87	\$9.16	\$16.62	
Severe	\$8.83	\$0.40	\$9.23	\$0.00	\$0.29	\$0.00	\$0.00	\$12.47	\$12.76	\$21.99	
Standby	\$3.54	\$0.39							\$3.93		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T10 TRACTOR BLADES & ATTACHMENTS (including agricultural)

T10 0.00 TRACTOR BLADES & ATTACHMENTS (incl

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
T10CA026	D11-SU	TRACTOR ATTACHMENTS, BLADE, STRAIGHT, HYDRAULIC, FOR D11, 35.50 CY (ADD D11 TRACTOR)		D-Off	D-Off	367				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.41	\$0.46	\$8.87	\$0.00	\$0.40	\$0.00	\$0.00	\$10.55	\$10.95	\$19.82
Severe	\$10.51	\$0.47	\$10.98	\$0.00	\$0.40	\$0.00	\$0.00	\$14.84	\$15.24	\$26.22
Standby	\$4.21	\$0.46							\$4.67	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
T10CA027	D11-U	TRACTOR ATTACHMENTS, BLADE, UNIVERSAL, HYDRAULIC, FOR D11, 45.00 CY (ADD D11 TRACTOR)		D-Off	D-Off	423				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$10.07	\$0.56	\$10.63	\$0.00	\$0.42	\$0.00	\$0.00	\$12.63	\$13.05	\$23.68
Severe	\$12.58	\$0.57	\$13.15	\$0.00	\$0.42	\$0.00	\$0.00	\$17.76	\$18.18	\$31.33
Standby	\$5.04	\$0.56							\$5.60	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T10TRACTOR BLADES & ATTACHMENTS (including agricultural)

T100.00TRACTOR BLADES & ATTACHMENTS (incl

JOHN DEERE

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier	CWT			
T10JD001	915 V-RIPPER	TRACTOR ATTACHMENTS, DEEP TILLER, 5x7 V SHAPED, 175" WIDE, 7 SHANKS (ADD 200HP TRACTOR W/PTO)		D-Off		D-Off	17			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.38	\$0.08	\$1.46	\$0.00	\$0.25	\$0.27	\$0.05	\$1.76	\$2.32	\$3.78
Severe	\$1.72	\$0.08	\$1.80	\$0.00	\$0.25	\$0.19	\$0.03	\$2.47	\$2.95	\$4.75
Standby	\$0.69	\$0.08							\$0.77	

T15TRACTORS, CRAWLER (DOZER) (includes blade)

T150.010 THRU 225 HP

CASE CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier	CWT			
T15CS001	650L	TRACTOR, CRAWLER (DOZER) 80 HP, HYDROSTATIC, W/1.7 CY STRAIGHT BLADE (ADD ATTACHMENTS		D-Off	80.5	HP	D-Off	163		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.91	\$0.60	\$9.51	\$6.79	\$1.19	\$0.00	\$0.00	\$17.56	\$25.55	\$35.06
Severe	\$11.13	\$0.61	\$11.74	\$8.78	\$1.54	\$0.00	\$0.00	\$24.95	\$35.27	\$47.01
Standby	\$4.46	\$0.60							\$5.06	

* - Adjustable Elements

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Hourly Equipment Ownership and Operating Expense

T15 TRACTORS, CRAWLER (DOZER) (includes blade)

T15 0.01 0 THRU 225 HP

CASE CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T15CS008	1150M	TRACTOR, CRAWLER (DOZER), 138 HP, 3.75 CY UNIVERSAL BLADE, REAR RIPPER		D-Off	138	HP	D-Off	326		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$17.34	\$1.17	\$18.51	\$11.64	\$2.05	\$0.00	\$0.00	\$34.18	\$47.87	\$66.38
Severe	\$21.67	\$1.19	\$22.86	\$15.06	\$2.65	\$0.00	\$0.00	\$48.56	\$66.27	\$89.13
Standby	\$8.67	\$1.17							\$9.84	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T15CS016	750M	TRACTOR, CRAWLER (DOZER), 92 HP, W/ 124" WIDE 2.22 CY STRAIGHT BLADE (ADD ATTACHMENTS)		D-Off	92	HP	D-Off	201		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$11.69	\$0.79	\$12.48	\$7.76	\$1.37	\$0.00	\$0.00	\$23.04	\$32.17	\$44.65
Severe	\$14.61	\$0.80	\$15.41	\$10.04	\$1.77	\$0.00	\$0.00	\$32.73	\$44.54	\$59.95
Standby	\$5.85	\$0.79							\$6.64	

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

T15 TRACTORS, CRAWLER (DOZER) (includes blade)

T15 0.01 0 THRU 225 HP

CASE CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T15CS017	850M	TRACTOR, CRAWLER (DOZER), 112 HP, W/ 124" WIDE 2.62 CY STRAIGHT BLADE (ADD ATTACHMENTS)		D-Off	112	HP	D-Off	220		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$12.76	\$0.86	\$13.62	\$9.44	\$1.66	\$0.00	\$0.00	\$25.17	\$36.27	\$49.89
Severe	\$15.95	\$0.87	\$16.82	\$12.22	\$2.15	\$0.00	\$0.00	\$35.75	\$50.12	\$66.94
Standby	\$6.38	\$0.86							\$7.24	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T15CS019	1650M	TRACTOR, CRAWLER (DOZER), 150 HP, W/ 157" WIDE 5.22 CY STRAIGHT BLADE (ADD ATTACHMENTS)		D-Off	150	HP	D-Off	398		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$23.84	\$1.61	\$25.45	\$12.65	\$2.23	\$0.00	\$0.00	\$47.01	\$61.89	\$87.34
Severe	\$29.80	\$1.63	\$31.43	\$16.37	\$2.88	\$0.00	\$0.00	\$66.78	\$86.03	\$117.46
Standby	\$11.92	\$1.61							\$13.53	

* - Adjustable Elements

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Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

T15 TRACTORS, CRAWLER (DOZER) (includes blade)

T15 0.01 0 THRU 225 HP

CASE CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T15CS020	2050M	TRACTOR, CRAWLER (DOZER), 214 HP, W/ 135" WIDE 7.29 CY STRAIGHT BLADE (ADD ATTACHMENTS)		D-Off	214	HP	D-Off	454		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$29.84	\$2.01	\$31.85	\$18.04	\$3.17	\$0.00	\$0.00	\$58.84	\$80.06	\$111.91
Severe	\$37.30	\$2.04	\$39.34	\$23.35	\$4.11	\$0.00	\$0.00	\$83.59	\$111.04	\$150.38
Standby	\$14.92	\$2.01							\$16.93	

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T15CA002	D3K2 LGP	TRACTOR, CRAWLER (DOZER), 80 HP, LOW GROUND PRESSURE, W/2.0 CY STRAIGHT BLADE (ADD ATTACHMENTS)		D-Off	80	HP	D-Off	184		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.66	\$0.58	\$9.24	\$6.75	\$1.19	\$0.00	\$0.00	\$17.07	\$25.01	\$34.25
Severe	\$10.82	\$0.59	\$11.41	\$8.73	\$1.54	\$0.00	\$0.00	\$24.25	\$34.52	\$45.93
Standby	\$4.33	\$0.58							\$4.91	

* - Adjustable Elements

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Hourly Equipment Ownership and Operating Expense

T15 TRACTORS, CRAWLER (DOZER) (includes blade)

T15 0.01 0 THRU 225 HP

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T15CA005	D4K2 LGP	TRACTOR, CRAWLER (DOZER), 92 HP, LOW GROUND PRESSURE, W/2.42 CY STRAIGHT BLADE (ADD ATTACHMENTS)		D-Off	92	HP	D-Off	187		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$13.03	\$0.88	\$13.91	\$7.76	\$1.37	\$0.00	\$0.00	\$25.69	\$34.82	\$48.73
Severe	\$16.29	\$0.89	\$17.18	\$10.04	\$1.77	\$0.00	\$0.00	\$36.50	\$48.30	\$65.48
Standby	\$6.52	\$0.88							\$7.40	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T15CA008	D6N XL	TRACTOR, CRAWLER (DOZER), 182 HP, W/4.30 CY SEMI-U BLADE (ADD ATTACHMENTS)		D-Off	182	HP	D-Off	361		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$24.04	\$1.62	\$25.66	\$15.35	\$2.70	\$0.00	\$0.00	\$47.39	\$65.44	\$91.10
Severe	\$30.05	\$1.65	\$31.70	\$19.86	\$3.49	\$0.00	\$0.00	\$67.32	\$90.68	\$122.38
Standby	\$12.02	\$1.62							\$13.64	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T15TRACTORS, CRAWLER (DOZER) (includes blade)

T150.010 THRU 225 HP

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T15CA009	D6T XW	TRACTOR, CRAWLER (DOZER), 230 HP, W/6.65 CY VPAT BLADE		D-Off	230	HP	D-Off	459		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$32.96	\$2.22	\$35.18	\$19.39	\$3.41	\$0.00	\$0.00	\$64.99	\$87.79	\$122.97
Severe	\$41.20	\$2.26	\$43.46	\$25.10	\$4.42	\$0.00	\$0.00	\$92.32	\$121.83	\$165.29
Standby	\$16.48	\$2.22							\$18.70	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T15CA011	D6T LGP	TRACTOR, CRAWLER (DOZER), 230 HP, LOW GROUND PRESSURE, W/5.5 CY VPAT BLADE (ADD ATTACHMENTS)		D-Off	230	HP	D-Off	469		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$32.48	\$2.19	\$34.67	\$19.39	\$3.41	\$0.00	\$0.00	\$64.04	\$86.84	\$121.51
Severe	\$40.60	\$2.22	\$42.82	\$25.10	\$4.42	\$0.00	\$0.00	\$90.97	\$120.49	\$163.31
Standby	\$16.24	\$2.19							\$18.43	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T15TRACTORS, CRAWLER (DOZER) (includes blade)

T150.010 THRU 225 HP

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T15CA020	D4K2 XL	TRACTOR, CRAWLER (DOZER), 92 HP, W/2.59 CY STRAIGHT BLADE (ADD ATTACHMENTS)		D-Off	92	HP	D-Off	180		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$12.50	\$0.84	\$13.34	\$7.76	\$1.37	\$0.00	\$0.00	\$24.66	\$33.78	\$47.12
Severe	\$15.63	\$0.86	\$16.49	\$10.04	\$1.77	\$0.00	\$0.00	\$35.02	\$46.83	\$63.32
Standby	\$6.25	\$0.84							\$7.09	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T15CA022	D5K2 LGP	TRACTOR, CRAWLER (DOZER), 104 HP, LOW GROUND PRESSURE, W/3.06 CY POWER ANGLE BLADE (ADD ATTACHMENTS)		D-Off	104	HP	D-Off	210		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$14.25	\$0.96	\$15.21	\$8.77	\$1.54	\$0.00	\$0.00	\$28.10	\$38.41	\$53.62
Severe	\$17.81	\$0.98	\$18.79	\$11.35	\$2.00	\$0.00	\$0.00	\$39.91	\$53.26	\$72.05
Standby	\$7.13	\$0.96							\$8.09	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T15TRACTORS, CRAWLER (DOZER) (includes blade)

T150.010 THRU 225 HP

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
T15CA023	D6T XL	TRACTOR, CRAWLER (DOZER), 230 HP, W/6.6 CY SEMI-U BLADE (ADD ATTACHMENTS)			D-Off	230	HP	D-Off	391	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$31.86	\$2.15	\$34.01	\$19.39	\$3.41	\$0.00	\$0.00	\$62.82	\$85.62	\$119.63
Severe	\$39.82	\$2.18	\$42.00	\$25.10	\$4.42	\$0.00	\$0.00	\$89.23	\$118.75	\$160.75
Standby	\$15.93	\$2.15							\$18.08	

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
T15CA024	D5K2 XL	TRACTOR, CRAWLER (DOZER), 104 HP, W/2.86 CY STRAIGHT BLADE (ADD ATTACHMENTS)			D-Off	104	HP	D-Off	203	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$13.89	\$0.94	\$14.83	\$8.77	\$1.54	\$0.00	\$0.00	\$27.40	\$37.71	\$52.54
Severe	\$17.37	\$0.95	\$18.32	\$11.35	\$2.00	\$0.00	\$0.00	\$38.92	\$52.26	\$70.58
Standby	\$6.95	\$0.94							\$7.89	

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

T15 TRACTORS, CRAWLER (DOZER) (includes blade)

T15 0.01 0 THRU 225 HP

JOHN DEERE

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T15JD005	450J LT	TRACTOR, CRAWLER (DOZER), 70 HP, HYDROSTATIC, W/2.00 CY ANGLE BLADE (ADD ATTACHMENTS)		D-Off	70	HP	D-Off	155		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.79	\$0.52	\$8.31	\$5.90	\$1.04	\$0.00	\$0.00	\$15.35	\$22.29	\$30.60
Severe	\$9.73	\$0.53	\$10.26	\$7.64	\$1.34	\$0.00	\$0.00	\$21.81	\$30.79	\$41.05
Standby	\$3.90	\$0.52							\$4.42	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T15JD006	450J LGP	TRACTOR, CRAWLER (DOZER), 70 HP, HYDROSTATIC, LOW GROUND PRESSURE, W/2.15 CY ANGLE BLADE (ADD ATTACHMENTS)		D-Off	70	HP	D-Off	165		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.81	\$0.53	\$8.34	\$5.90	\$1.04	\$0.00	\$0.00	\$15.40	\$22.33	\$30.67
Severe	\$9.76	\$0.53	\$10.29	\$7.64	\$1.34	\$0.00	\$0.00	\$21.87	\$30.85	\$41.14
Standby	\$3.91	\$0.53							\$4.44	

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

T15 TRACTORS, CRAWLER (DOZER) (includes blade)

T15 0.01 0 THRU 225 HP

JOHN DEERE

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T15JD007	650K	TRACTOR, CRAWLER (DOZER), 101 HP, HYDROSTATIC, W/2.60 CY POWER ANGLE TILT (PAT) BLADE (ADD ATTACHMENTS)		D-Off	101	HP	D-Off	185		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$11.02	\$0.74	\$11.76	\$8.52	\$1.50	\$0.00	\$0.00	\$21.72	\$31.74	\$43.50
Severe	\$13.77	\$0.75	\$14.52	\$11.02	\$1.94	\$0.00	\$0.00	\$30.85	\$43.81	\$58.33
Standby	\$5.51	\$0.74							\$6.25	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T15JD008	750K XLT	TRACTOR, CRAWLER (DOZER), 155 HP, HYDROSTATIC, W/5.60 CY POWER ANGLE TILT (PAT) BLADE (ADD ATTACHMENTS)		D-Off	155	HP	D-Off	317		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$19.05	\$1.28	\$20.33	\$13.07	\$2.30	\$0.00	\$0.00	\$37.57	\$52.94	\$73.27
Severe	\$23.82	\$1.30	\$25.12	\$16.91	\$2.98	\$0.00	\$0.00	\$53.37	\$73.25	\$98.37
Standby	\$9.53	\$1.28							\$10.81	

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

T15 TRACTORS, CRAWLER (DOZER) (includes blade)

T15 0.01 0 THRU 225 HP

JOHN DEERE

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T15JD009	750K LGP	TRACTOR, CRAWLER (DOZER), 165 HP, HYDROSTATIC, LOW GROUND PRESSURE, W/4.84 CY POWER ANGLE TILT (PAT) BLADE (ADD ATTACHMENTS)		D-Off	165	HP	D-Off	365		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$19.13	\$1.29	\$20.42	\$13.91	\$2.45	\$0.00	\$0.00	\$37.72	\$54.08	\$74.50
Severe	\$23.91	\$1.31	\$25.22	\$18.00	\$3.17	\$0.00	\$0.00	\$53.58	\$74.75	\$99.97
Standby	\$9.57	\$1.29							\$10.86	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T15JD010	850K XLT	TRACTOR, CRAWLER (DOZER), 187 HP, HYDROSTATIC, W/7.44 CY SEMI-U POWER ANGLE TILT (PAT) BLADE (ADD ATTACHMENTS)		D-Off	187	HP	D-Off	404		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$24.03	\$1.62	\$25.65	\$15.77	\$2.77	\$0.00	\$0.00	\$47.38	\$65.92	\$91.57
Severe	\$30.03	\$1.64	\$31.67	\$20.41	\$3.59	\$0.00	\$0.00	\$67.30	\$91.30	\$122.97
Standby	\$12.02	\$1.62							\$13.64	

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

T15 TRACTORS, CRAWLER (DOZER) (includes blade)

T15 0.01 0 THRU 225 HP

JOHN DEERE

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T15JD011	850K LGP	TRACTOR, CRAWLER (DOZER), 205 HP, HYDROSTATIC LOW GROUND PRESSURE, W/7.14 CY SEMI-U POWER ANGLE TITLE (PAT) BLADE (ADD ATTACHMENTS)		D-Off	205	HP	D-Off	420		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$24.05	\$1.62	\$25.67	\$17.29	\$3.04	\$0.00	\$0.00	\$47.42	\$67.75	\$93.42
Severe	\$30.06	\$1.65	\$31.71	\$22.37	\$3.94	\$0.00	\$0.00	\$67.36	\$93.67	\$125.38
Standby	\$12.03	\$1.62							\$13.65	

KOMATSU DRESSER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T15ID001	SD10YE	TRACTOR, CRAWLER (DOZER), 99 HP, 9.5' BLADE WIDTH, 3.3' BLADE HEIGHT		D-Off	99	HP	D-Off	203		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.06	\$0.61	\$9.67	\$8.35	\$1.47	\$0.00	\$0.00	\$17.87	\$27.68	\$37.35
Severe	\$11.33	\$0.62	\$11.95	\$10.80	\$1.90	\$0.00	\$0.00	\$25.38	\$38.08	\$50.03
Standby	\$4.53	\$0.61							\$5.14	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T15TRACTORS, CRAWLER (DOZER) (includes blade)

T150.010 THRU 225 HP

KOMATSU DRESSER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T15ID002	SD16-3	TRACTOR, CRAWLER (DOZER), 161 HP, 11.1' BLADE WIDTH, 3.75' BLADE HEIGHT		D-Off	161	HP	D-Off	406		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$13.06	\$0.88	\$13.94	\$13.58	\$2.39	\$0.00	\$0.00	\$25.76	\$41.73	\$55.67
Severe	\$16.33	\$0.89	\$17.22	\$17.57	\$3.09	\$0.00	\$0.00	\$36.59	\$57.25	\$74.47
Standby	\$6.53	\$0.88							\$7.41	

T150.02226 HP THRU 425 HP

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T15CA012	D7E	TRACTOR, CRAWLER (DOZER), 254 HP, W/8.98 CY SEMI-U BLADE (ADD ATTACHMENTS)		D-Off	270	HP	D-Off	484		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$41.72	\$3.13	\$44.85	\$22.77	\$3.12	\$0.00	\$0.00	\$83.75	\$109.63	\$154.48
Severe	\$49.66	\$3.16	\$52.82	\$29.46	\$4.03	\$0.00	\$0.00	\$103.86	\$137.35	\$190.17
Standby	\$20.86	\$3.13							\$23.99	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T15TRACTORS, CRAWLER (DOZER) (includes blade)

T150.02226 HP THRU 425 HP

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
T15CA014	D7E LGP	TRACTOR, CRAWLER (DOZER), 251 HP, LOW GROUND PRESSURE, W/7.70 CY STRAIGHT BLADE (ADD ATTACHMENTS)		D-Off	251	HP	D-Off		629	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$44.89	\$3.37	\$48.26	\$21.16	\$2.90	\$0.00	\$0.00	\$90.12	\$114.18	\$162.44
Severe	\$53.44	\$3.40	\$56.84	\$27.39	\$3.75	\$0.00	\$0.00	\$111.76	\$142.90	\$199.74
Standby	\$22.45	\$3.37							\$25.82	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
T15CA016	D8T	TRACTOR, CRAWLER (DOZER), 364 HP, W/11.3 CY SEMI-U BLADE (ADD ATTACHMENTS)		D-Off	364	HP	D-Off		663	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$55.92	\$4.19	\$60.11	\$30.69	\$4.20	\$0.00	\$0.00	\$112.27	\$147.16	\$207.27
Severe	\$66.57	\$4.24	\$70.81	\$39.72	\$5.44	\$0.00	\$0.00	\$139.22	\$184.38	\$255.19
Standby	\$27.96	\$4.19							\$32.15	

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

T15 TRACTORS, CRAWLER (DOZER) (includes blade)

T15 0.02 226 HP THRU 425 HP

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T15CA017	D9T	TRACTOR, CRAWLER (DOZER), 448 HP, W/17.7 CY SEMI-U BLADE (ADD ATTACHMENTS)		D-Off	448	HP	D-Off	788		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$72.73	\$5.45	\$78.18	\$37.78	\$5.17	\$0.00	\$0.00	\$146.01	\$188.96	\$267.14
Severe	\$86.58	\$5.52	\$92.10	\$48.89	\$6.69	\$0.00	\$0.00	\$181.06	\$236.64	\$328.74
Standby	\$36.37	\$5.45							\$41.82	

KOMATSU AMERICA INTERNATIONAL COMPANY

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T15KM008	D155AX-8	TRACTOR, CRAWLER (DOZER), 354 HP, POWERSHIFT, W/15.6 CY FULL-U BLADE		D-Off	354	HP	D-Off	893		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$51.02	\$3.83	\$54.85	\$29.85	\$4.08	\$0.00	\$0.00	\$102.43	\$136.37	\$191.22
Severe	\$60.74	\$3.87	\$64.61	\$38.63	\$5.29	\$0.00	\$0.00	\$127.02	\$170.94	\$235.55
Standby	\$25.51	\$3.83							\$29.34	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T15TRACTORS, CRAWLER (DOZER) (includes blade)

T150.02226 HP THRU 425 HP

KOMATSU DRESSER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T15ID003	SD32DQ	TRACTOR, CRAWLER (DOZER), 345 HP, 13.6' BLADE WIDTH, 5.6' BLADE HEIGHT		D-Off	345	HP	D-Off	820		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$26.96	\$2.02	\$28.98	\$29.09	\$3.98	\$0.00	\$0.00	\$54.12	\$87.20	\$116.18
Severe	\$32.09	\$2.04	\$34.13	\$37.65	\$5.15	\$0.00	\$0.00	\$67.12	\$109.92	\$144.05
Standby	\$13.48	\$2.02							\$15.50	

T150.03OVER 425 HP

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T15CA018	D10T2	TRACTOR, CRAWLER (DOZER), 600 HP, POWERSHIFT, W/24.2 CY SEMI-U BLADE (ADD ATTACHMENTS)		D-Off	600	HP	D-Off	1098		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$74.83	\$6.03	\$80.86	\$43.15	\$3.28	\$0.00	\$0.00	\$140.85	\$187.27	\$268.13
Severe	\$89.80	\$6.10	\$95.90	\$55.06	\$4.18	\$0.00	\$0.00	\$190.15	\$249.39	\$345.29
Standby	\$37.42	\$6.03							\$43.45	

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

T15 TRACTORS, CRAWLER (DOZER) (includes blade)

T15 0.03 OVER 425 HP

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T15CA019	D11T	TRACTOR, CRAWLER (DOZER), 850 HP, POWERSHIFT, W/35.7 CY SEMI-U BLADE (ADD ATTACHMENTS)		D-Off	850	HP	D-Off	827		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$134.69	\$10.86	\$145.55	\$61.13	\$4.64	\$0.00	\$0.00	\$253.50	\$319.27	\$464.82
Severe	\$161.62	\$10.98	\$172.60	\$78.00	\$5.92	\$0.00	\$0.00	\$342.22	\$426.14	\$598.74
Standby	\$67.35	\$10.86							\$78.21	

T20 TRACTORS, WHEEL TYPE (DOZER)

T20 0.00 TRACTORS, WHEEL TYPE (DOZER)

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T20CA001	814K	TRACTOR, WHEEL (DOZER), 240 HP, ARTICULATING, 4X4, W/3.77 CY STRAIGHT BLADE		D-Off	232	HP	D-Off	479		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$36.45	\$2.57	\$39.02	\$16.69	\$2.28	\$6.51	\$1.12	\$31.93	\$58.54	\$97.56
Severe	\$39.26	\$2.58	\$41.84	\$21.29	\$2.91	\$20.84	\$3.60	\$37.25	\$85.89	\$127.73
Standby	\$18.23	\$2.57							\$20.80	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T20TRACTORS, WHEEL TYPE (DOZER)

T200.00TRACTORS, WHEEL TYPE (DOZER)

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T20CA002	824K	TRACTOR, WHEEL (DOZER), 339 HP, ARTICULATING, 4X4, W/6.70 CY STRAIGHT BLADE		D-Off	435	HP	D-Off	750		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$52.86	\$3.78	\$56.64	\$31.29	\$4.28	\$14.03	\$2.42	\$46.39	\$98.42	\$155.06
Severe	\$56.93	\$3.80	\$60.73	\$39.92	\$5.46	\$44.91	\$7.75	\$54.12	\$152.16	\$212.89
Standby	\$26.43	\$3.78							\$30.21	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T20CA003	834K	TRACTOR, WHEEL (DOZER), 496 HP, ARTICULATING, 4X4, W/10.33 CY STRAIGHT BLADE		D-Off	562	HP	D-Off	1053		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$76.70	\$5.57	\$82.27	\$40.42	\$5.53	\$28.28	\$4.88	\$67.48	\$146.59	\$228.86
Severe	\$82.60	\$5.60	\$88.20	\$51.57	\$7.06	\$90.49	\$15.61	\$78.72	\$243.46	\$331.66
Standby	\$38.35	\$5.57							\$43.92	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T25 TRACTORS, AGRICULTURAL

T25 0.10 CRAWLER

JOHN DEERE

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T25JD001	8320RT	TRACTOR, AGRICULTURAL, CRAWLER-RUBBER TRACK, 320 HP, 3 POINT HITCH		D-Off	320	HP	D-Off	345		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$30.28	\$1.52	\$31.80	\$24.60	\$3.37	\$0.00	\$0.00	\$37.40	\$65.37	\$97.17
Standby	\$15.14	\$1.52							\$16.66	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T25JD002	8345RT	TRACTOR, AGRICULTURAL, CRAWLER-RUBBER TRACK, 345 HP, 3 POINT HITCH		D-Off	345	HP	D-Off	345		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$31.76	\$1.60	\$33.36	\$26.52	\$3.63	\$0.00	\$0.00	\$39.24	\$69.39	\$102.75
Standby	\$15.88	\$1.60							\$17.48	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T25JD003	8370RT	TRACTOR, AGRICULTURAL, CRAWLER-RUBBER TRACK, 370 HP, 3 POINT HITCH		D-Off	370	HP	D-Off	366		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$33.29	\$1.67	\$34.96	\$28.45	\$3.89	\$0.00	\$0.00	\$41.13	\$73.47	\$108.43
Standby	\$16.65	\$1.67							\$18.32	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T25 TRACTORS, AGRICULTURAL

T25 0.20 WHEEL

JOHN DEERE

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T25JD021	6115R	TRACTOR, AGRICULTURAL, WHEEL, 115 HP, 4X4, PTO, 3 POINT HITCH		D-Off	115	HP	D-Off	55		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$14.06	\$0.62	\$14.68	\$8.84	\$1.21	\$2.40	\$0.41	\$14.46	\$27.32	\$42.00
Standby	\$7.03	\$0.62							\$7.65	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T25JD022	6170R	TRACTOR, AGRICULTURAL, WHEEL, 170HP, 4X4, PTO, 3 POINT HITCH		D-Off	170	HP	D-Off	74		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$15.96	\$0.71	\$16.67	\$13.07	\$1.79	\$2.98	\$0.51	\$16.46	\$34.82	\$51.49
Standby	\$7.98	\$0.71							\$8.69	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T25JD023	8235R	TRACTOR, AGRICULTURAL, WHEEL, 235 HP, 4X4, PTO, 3 POINT HITCH		D-Off	235	HP	D-Off	272		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$25.53	\$1.11	\$26.64	\$18.07	\$2.47	\$3.14	\$0.54	\$26.19	\$50.41	\$77.05
Standby	\$12.77	\$1.11							\$13.88	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T25TRACTORS, AGRICULTURAL

T250.20WHEEL

JOHN DEERE

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T25JD024	8285R	TRACTOR, AGRICULTURAL, WHEEL, 285 HP, 4X4, PTO, 3 POINT HITCH		D-Off	285	HP	D-Off	211		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$29.22	\$1.26	\$30.48	\$21.91	\$3.00	\$3.14	\$0.54	\$29.94	\$58.53	\$89.01
Standby	\$14.61	\$1.26							\$15.87	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T25JD025	9360R	TRACTOR, AGRICULTURAL, WHEEL, 360 HP, 4X4, PTO, 3 POINT HITCH		D-Off	360	HP	D-Off	329		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$31.79	\$1.45	\$33.24	\$27.68	\$3.79	\$8.38	\$1.44	\$32.86	\$74.15	\$107.39
Standby	\$15.90	\$1.45							\$17.35	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T25JD026	9460R	TRACTOR, AGRICULTURAL, WHEEL, 460 HP, 4X4, PTO, 3 POINT HITCH		D-Off	460	HP	D-Off	349		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$37.31	\$1.67	\$38.98	\$35.36	\$4.84	\$8.38	\$1.44	\$38.48	\$88.50	\$127.48
Standby	\$18.66	\$1.67							\$20.33	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T25 TRACTORS, AGRICULTURAL

T25 0.20 WHEEL

JOHN DEERE

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T25JD027	5045D	TRACTOR, AGRICULTURAL, WHEEL, 45 HP, 4X2, PTO, 3 POINT HITCH		D-Off	45	HP	D-Off	42		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.97	\$0.09	\$2.06	\$3.46	\$0.47	\$0.53	\$0.09	\$2.04	\$6.59	\$8.65
Standby	\$0.99	\$0.09							\$1.08	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T25JD028	5055D	TRACTOR, AGRICULTURAL, WHEEL, 55 HP, 4X2, PTO, 3 POINT HITCH		D-Off	55	HP	D-Off	39		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.21	\$0.10	\$2.31	\$4.23	\$0.58	\$0.53	\$0.09	\$2.28	\$7.71	\$10.02
Standby	\$1.11	\$0.10							\$1.21	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T25JD029	5055D W/MX5 MOWER	TRACTOR, AGRICULTURAL, WHEEL, 55 HP, 4X2, PTO, 3 POINT HITCH, WITH 60" HEAVY DUTY ROTARY MOWER		D-Off	55	HP	D-Off	51		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.86	\$0.13	\$2.99	\$4.23	\$0.58	\$0.53	\$0.09	\$2.95	\$8.38	\$11.37
Standby	\$1.43	\$0.13							\$1.56	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T25TRACTORS, AGRICULTURAL

T250.20WHEEL

JOHN DEERE

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T25JD030	5065E	TRACTOR, AGRICULTURAL, WHEEL, 65 HP, 4X2, PTO, 3 POINT HITCH		D-Off	65	HP	D-Off	27		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.44	\$0.11	\$2.55	\$5.00	\$0.68	\$0.53	\$0.09	\$2.52	\$8.82	\$11.37
Standby	\$1.22	\$0.11							\$1.33	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T25JD031	5083E	TRACTOR, AGRICULTURAL, WHEEL, 83 HP, 4X2, PTO, 3 POINT HITCH		D-Off	83	HP	D-Off	54		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.96	\$0.22	\$5.18	\$6.38	\$0.87	\$0.62	\$0.11	\$5.09	\$13.07	\$18.25
Standby	\$2.48	\$0.22							\$2.70	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T25JD032	5101E	TRACTOR, AGRICULTURAL, WHEEL, 101 HP, 4X2, PTO, 3 POINT HITCH		D-Off	101	HP	D-Off	73		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.00	\$0.23	\$5.23	\$7.76	\$1.06	\$1.62	\$0.28	\$5.19	\$15.92	\$21.15
Standby	\$2.50	\$0.23							\$2.73	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T30 TRENCHERS, CHAIN TYPE CUTTER

T30 0.00 TRENCHERS, CHAIN TYPE CUTTER

DITCH WITCH (THE CHARLES MACHINE WORKS)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T30DW001	RT125 QUAD	TRENCHER, CHAIN TYPE CUTTER, 93" MAX DEPTH X 24" MAX WIDTH, RIDE-ON, 4-CRAWLERS		D-Off	121 HP	D-Off		153		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$18.33	\$0.83	\$19.16	\$9.30	\$1.27	\$0.00	\$0.00	\$25.48	\$36.05	\$55.21
Severe	\$24.44	\$0.85	\$25.29	\$12.30	\$1.68	\$0.00	\$0.00	\$37.75	\$51.73	\$77.02
Standby	\$9.17	\$0.83							\$10.00	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T30DW016	RT55	TRENCHER, CHAIN TYPE CUTTER, 62" DEEP X 12" WIDE, 4X4 (W/BLADE)		D-Off	60 HP	D-Off		95		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.36	\$0.41	\$7.77	\$4.61	\$0.63	\$3.42	\$0.59	\$10.72	\$19.97	\$27.74
Severe	\$9.81	\$0.43	\$10.24	\$6.10	\$0.83	\$10.13	\$1.75	\$15.88	\$34.69	\$44.93
Standby	\$3.68	\$0.41							\$4.09	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T30 TRENCHERS, CHAIN TYPE CUTTER

T30 0.00 TRENCHERS, CHAIN TYPE CUTTER

DITCH WITCH (THE CHARLES MACHINE WORKS)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T30DW017	RT80 QUAD	TRENCHER, CHAIN TYPE CUTTER, 62" DEEP X 12" WIDE, 4X4 (W/BLADE)		D-Off	78	HP	D-Off	69		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$14.13	\$0.72	\$14.85	\$6.00	\$0.82	\$3.42	\$0.59	\$20.13	\$30.97	\$45.82
Severe	\$18.84	\$0.74	\$19.58	\$7.93	\$1.09	\$10.13	\$1.75	\$29.83	\$50.72	\$70.30
Standby	\$7.07	\$0.72							\$7.79	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T30DW019	C12	TRENCHER, CHAIN TYPE CUTTER, 24" MAX DEPTH X 3.5" - 6" WIDTH, WALK BEHIND, WHEELED		Gas	12	HP	D-Off	15		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.21	\$0.06	\$1.27	\$1.59	\$0.22	\$0.03	\$0.00	\$1.68	\$3.52	\$4.79
Severe	\$1.61	\$0.06	\$1.67	\$2.07	\$0.28	\$0.08	\$0.01	\$2.49	\$4.94	\$6.61
Standby	\$0.61	\$0.06							\$0.67	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T30 TRENCHERS, CHAIN TYPE CUTTER

T30 0.00 TRENCHERS, CHAIN TYPE CUTTER

DITCH WITCH (THE CHARLES MACHINE WORKS)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
T30DW020	C16	TRENCHER, CHAIN TYPE CUTTER, 30" MAX DEPTH X 3.5"-6" WIDTH, WALK BEHIND, WHEELED		Gas	16	HP	D-Off		15	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.21	\$0.06	\$1.27	\$2.11	\$0.29	\$0.03	\$0.00	\$1.68	\$4.11	\$5.38
Severe	\$1.61	\$0.06	\$1.67	\$2.76	\$0.38	\$0.08	\$0.01	\$2.49	\$5.73	\$7.40
Standby	\$0.61	\$0.06							\$0.67	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
T30DW021	C16X	TRENCHER, CHAIN TYPE CUTTER, 36" MAX DEPTH X 3.5"-6" WIDTH, WALK BEHIND, CRAWLER		Gas	16	HP	D-Off		19	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.28	\$0.06	\$1.34	\$2.11	\$0.29	\$0.00	\$0.00	\$1.78	\$4.18	\$5.52
Severe	\$1.71	\$0.06	\$1.77	\$2.76	\$0.38	\$0.00	\$0.00	\$2.64	\$5.78	\$7.55
Standby	\$0.64	\$0.06							\$0.70	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T30 TRENCHERS, CHAIN TYPE CUTTER

T30 0.00 TRENCHERS, CHAIN TYPE CUTTER

DITCH WITCH (THE CHARLES MACHINE WORKS)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T30DW022	C30X	TRENCHER, CHAIN TYPE CUTTER, 48" MAX DEPTH X 3.5"-6" WIDTH, WALK BEHIND, CRAWLER		Gas	31	HP	D-Off	21		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.62	\$0.07	\$1.69	\$4.10	\$0.56	\$0.00	\$0.00	\$2.25	\$6.91	\$8.60
Severe	\$2.15	\$0.08	\$2.23	\$5.35	\$0.73	\$0.00	\$0.00	\$3.33	\$9.41	\$11.64
Standby	\$0.81	\$0.07							\$0.88	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T30DW023	RT100	TRENCHER, CHAIN TYPE CUTTER, 94" MAX DEPTH X 24" WIDTH, RIDE-ON, 4X4		D-Off	100	HP	D-Off	89		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$10.24	\$0.54	\$10.78	\$7.69	\$1.05	\$3.42	\$0.59	\$14.73	\$27.49	\$38.27
Severe	\$13.65	\$0.56	\$14.21	\$10.17	\$1.39	\$10.13	\$1.75	\$21.82	\$45.26	\$59.47
Standby	\$5.12	\$0.54							\$5.66	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T30 TRENCHERS, CHAIN TYPE CUTTER

T30 0.00 TRENCHERS, CHAIN TYPE CUTTER

DITCH WITCH (THE CHARLES MACHINE WORKS)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T30DW024	RT30	TRENCHER, CHAIN TYPE CUTTER, 42" MAX DEPTH X 4"-8" WIDTH, RIDE-ON, WHEELED, 4X4		D-Off	24.8	HP	D-Off	31		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.23	\$0.15	\$3.38	\$1.91	\$0.26	\$0.10	\$0.02	\$4.51	\$6.80	\$10.18
Severe	\$4.31	\$0.15	\$4.46	\$2.52	\$0.34	\$0.29	\$0.05	\$6.68	\$9.88	\$14.34
Standby	\$1.62	\$0.15							\$1.77	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T30DW025	RT45	TRENCHER, CHAIN TYPE CUTTER, 63" MAX DEPTH X 6"-12" WIDTH, RIDE-ON, 4X4		D-Off	48.8	HP	D-Off	54		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.16	\$0.24	\$5.40	\$3.75	\$0.51	\$0.16	\$0.03	\$7.19	\$11.64	\$17.04
Severe	\$6.88	\$0.24	\$7.12	\$4.96	\$0.68	\$0.48	\$0.08	\$10.65	\$16.85	\$23.97
Standby	\$2.58	\$0.24							\$2.82	

* - Adjustable Elements

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Hourly Equipment Ownership and Operating Expense

T30 TRENCHERS, CHAIN TYPE CUTTER

T30 0.00 TRENCHERS, CHAIN TYPE CUTTER

DITCH WITCH (THE CHARLES MACHINE WORKS)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T30DW026	RT80	TRENCHER, CHAIN TYPE CUTTER, 93" MAX DEPTH X 24" WIDTH, RIDE-ON, 4X4		D-Off	74	HP	D-Off	77		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.19	\$0.43	\$9.62	\$5.69	\$0.78	\$0.85	\$0.15	\$12.90	\$20.36	\$29.98
Severe	\$12.25	\$0.45	\$12.70	\$7.52	\$1.03	\$2.50	\$0.43	\$19.11	\$30.59	\$43.29
Standby	\$4.60	\$0.43							\$5.03	

TESMEC USA, INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T30TM007	775	TRENCHER, CHAIN TYPE CUTTER, 4' DEEP X 12" WIDE, CRAWLER (W/CRUMBSHOE) SELF LEVEL, OFFSET		D-Off	225	HP	D-Off	381		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$71.89	\$3.24	\$75.13	\$17.30	\$2.37	\$0.00	\$0.00	\$99.94	\$119.61	\$194.74
Severe	\$95.86	\$3.35	\$99.21	\$22.88	\$3.13	\$0.00	\$0.00	\$148.06	\$174.07	\$273.28
Standby	\$35.95	\$3.24							\$39.19	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T30 TRENCHERS, CHAIN TYPE CUTTER

T30 0.00 TRENCHERS, CHAIN TYPE CUTTER

TESMEC USA, INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T30TM008	775	TRENCHER, CHAIN TYPE CUTTER, 6' DEEP X 18" WIDE, CRAWLER (W/CRUMBSHOE) SELF LEVEL, OFFSET		D-Off	225	HP	D-Off	381		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$73.85	\$3.33	\$77.18	\$17.30	\$2.37	\$0.00	\$0.00	\$102.66	\$122.33	\$199.51
Severe	\$98.47	\$3.44	\$101.91	\$22.88	\$3.13	\$0.00	\$0.00	\$152.09	\$178.10	\$280.01
Standby	\$36.93	\$3.33							\$40.26	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T30TM012	1150	TRENCHER, CHAIN TYPE CUTTER, 8' DEEP X 26" WIDE, CRAWLER (W/CRUMBSHOE)		D-Off	440	HP	D-Off	1120		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$86.58	\$3.90	\$90.48	\$33.83	\$4.63	\$0.00	\$0.00	\$120.36	\$158.82	\$249.30
Severe	\$115.44	\$4.04	\$119.48	\$44.74	\$6.12	\$0.00	\$0.00	\$178.31	\$229.17	\$348.65
Standby	\$43.29	\$3.90							\$47.19	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T30 TRENCHERS, CHAIN TYPE CUTTER

T30 0.00 TRENCHERS, CHAIN TYPE CUTTER

TESMEC USA, INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
T30TM013	1475	TRENCHER, CHAIN TYPE CUTTER, 14' DEEP X 42" WIDE, CRAWLER (W/CRUMBSHOE)		D-Off	630	HP	D-Off		2061	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$162.84	\$7.34	\$170.18	\$48.43	\$6.63	\$0.00	\$0.00	\$226.37	\$281.43	\$451.61
Severe	\$217.12	\$7.59	\$224.71	\$64.06	\$8.77	\$0.00	\$0.00	\$335.36	\$408.18	\$632.89
Standby	\$81.42	\$7.34							\$88.76	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
T30TM014	1475	TRENCHER, CHAIN TYPE CUTTER, 10' DEEP X 26" WIDE, CRAWLER (W/CRUMBSHOE)		D-Off	630	HP	D-Off		2061	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$157.94	\$7.12	\$165.06	\$48.43	\$6.63	\$0.00	\$0.00	\$219.56	\$274.62	\$439.68
Severe	\$210.59	\$7.36	\$217.95	\$64.06	\$8.77	\$0.00	\$0.00	\$325.27	\$398.10	\$616.05
Standby	\$78.97	\$7.12							\$86.09	

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

T30 TRENCHERS, CHAIN TYPE CUTTER

T30 0.00 TRENCHERS, CHAIN TYPE CUTTER

TESMEC USA, INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T30TM015	1475	TRENCHER, CHAIN TYPE CUTTER, 16' DEEP X 42" WIDE, CRAWLER (W/CRUMBSHOE)		D-Off	630	HP	D-Off	2061		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$167.74	\$7.56	\$175.30	\$48.43	\$6.63	\$0.00	\$0.00	\$233.18	\$288.23	\$463.53
Severe	\$223.65	\$7.82	\$231.47	\$64.06	\$8.77	\$0.00	\$0.00	\$345.44	\$418.27	\$649.74
Standby	\$83.87	\$7.56							\$91.43	

VERMEER MANUFACTURING CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T30VE008	T 555 III	TRENCHER, CHAIN TYPE CUTTER, 8' DEEP X 18" WIDE, CRAWLER, HYDROSTATIC		D-Off	185	HP	D-Off	225		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$35.16	\$1.59	\$36.75	\$14.22	\$1.95	\$0.00	\$0.00	\$48.88	\$65.05	\$101.80
Severe	\$46.89	\$1.64	\$48.53	\$18.81	\$2.57	\$0.00	\$0.00	\$72.42	\$93.80	\$142.33
Standby	\$17.58	\$1.59							\$19.17	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T30 TRENCHERS, CHAIN TYPE CUTTER

T30 0.00 TRENCHERS, CHAIN TYPE CUTTER

VERMEER MANUFACTURING CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T30VE009	T 655 III	TRENCHER, CHAIN TYPE CUTTER, 8' DEEP X 18" WIDE, CRAWLER, HYDROSTATIC		D-Off	250	HP	D-Off	500		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$40.75	\$1.84	\$42.59	\$19.22	\$2.63	\$0.00	\$0.00	\$56.64	\$78.49	\$121.08
Severe	\$54.33	\$1.90	\$56.23	\$25.42	\$3.48	\$0.00	\$0.00	\$83.91	\$112.81	\$169.04
Standby	\$20.38	\$1.84							\$22.22	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T30VE010	T 755 III	TRENCHER, CHAIN TYPE CUTTER, 10' DEEP X 18" WIDE, CRAWLER, HYDROSTATIC		D-Off	275	HP	D-Off	660		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$62.26	\$2.81	\$65.07	\$21.14	\$2.89	\$0.00	\$0.00	\$86.55	\$110.58	\$175.65
Severe	\$83.01	\$2.90	\$85.91	\$27.96	\$3.83	\$0.00	\$0.00	\$128.21	\$160.00	\$245.91
Standby	\$31.13	\$2.81							\$33.94	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T35 TRENCHERS, WHEEL TYPE CUTTER

T35 0.00 TRENCHERS, WHEEL TYPE CUTTER

PORT INDUSTRIES

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T35PZ001	2620	TRENCHER, WHEEL TYPE CUTTER, 87" DEEP X 18"-32" WIDE, ROUND BUCKET, WHEELED		D-Off	380	HP	D-Off	500		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$47.81	\$2.23	\$50.04	\$29.21	\$4.00	\$2.63	\$0.45	\$66.92	\$103.21	\$153.25
Severe	\$63.75	\$2.30	\$66.05	\$38.64	\$5.29	\$7.36	\$1.27	\$99.15	\$151.71	\$217.76
Standby	\$23.91	\$2.23							\$26.14	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T35PZ002	2720	TRENCHER, WHEEL TYPE CUTTER, 87" DEEP X 18"-35" WIDE, ROUND BUCKET, WHEELED		D-Off	430	HP	D-Off	550		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$54.23	\$2.52	\$56.75	\$33.06	\$4.52	\$2.63	\$0.45	\$75.84	\$116.50	\$173.25
Severe	\$72.30	\$2.60	\$74.90	\$43.72	\$5.98	\$7.36	\$1.27	\$112.35	\$170.69	\$245.59
Standby	\$27.12	\$2.52							\$29.64	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T35 TRENCHERS, WHEEL TYPE CUTTER

T35 0.00 TRENCHERS, WHEEL TYPE CUTTER

PORT INDUSTRIES

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T35PZ004	2820	TRENCHER, CRAWLER TYPE CUTTER, 108" DEEP X 26"-48" WIDE, ROUND BUCKET, CRAWLER		D-Off	425	HP	D-Off	820		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$72.18	\$3.26	\$75.44	\$32.67	\$4.47	\$0.00	\$0.00	\$100.34	\$137.48	\$212.92
Severe	\$96.24	\$3.36	\$99.60	\$43.21	\$5.91	\$0.00	\$0.00	\$148.65	\$197.78	\$297.38
Standby	\$36.09	\$3.26							\$39.35	

T40 TRUCK OPTIONS

T40 0.10 CRANES / HOISTS, PERSONNEL & MATE

ALIVA LTD.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T40AV001	808N	TRUCK OPTIONS, CRANE, HYDRAULIC, 3-ARM ARTICULATING, 3.25 TON, 29' BOOM (ADD 21,000 GVW TRUCK & FLATBED)		D-Off		D-Off		24		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.47	\$0.16	\$3.63	\$0.00	\$0.25	\$0.00	\$0.00	\$4.28	\$4.53	\$8.16
Standby	\$1.74	\$0.16							\$1.90	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T40 TRUCK OPTIONS

T40 0.10 CRANES / HOISTS, PERSONNEL & MATE

ALIVA LTD.

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
T40AV002	815	TRUCK OPTIONS, CRANE, HYDRAULIC, 3-ARM ARTICULATING, 5.6 TON, 33' BOOM (ADD 32,500 GVW TRUCK & FLATBED)						D-Off	D-Off	32	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$4.42	\$0.20	\$4.62	\$0.00	\$0.25	\$0.00	\$0.00	\$5.45	\$5.70	\$10.32	
Standby	\$2.21	\$0.20							\$2.41		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT
T40AV003	820	TRUCK OPTIONS, CRANE, HYDRAULIC, 3-ARM ARTICULATING, 9.4 TON, 33' BOOM (ADD 45,000 GVW TRUCK & FLATBED)					D-Off		D-Off		32
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$6.06	\$0.27	\$6.33	\$0.00	\$0.25	\$0.00	\$0.00	\$7.48	\$7.73	\$14.06	
Standby	\$3.03	\$0.27							\$3.30		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T40 TRUCK OPTIONS

T40 0.10 CRANES / HOISTS, PERSONNEL & MATE

PALFINGER INC.

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT
T40PA001	PC 2700	TRUCK OPTIONS, CRANE, HYDRAULIC, 2-ARM ARTICULATING, 2.4 TON, 21' BOOM (ADD 25,000 GVW TRUCK & FLATBED)					D-Off		D-Off		9
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$0.89	\$0.04	\$0.93	\$0.00	\$0.24	\$0.00	\$0.00	\$1.10	\$1.34	\$2.27	
Standby	\$0.45	\$0.04							\$0.49		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT
T40PA002	PK 14002-EH	TRUCK OPTIONS, CRANE, HYDRAULIC, 3-ARM ARTICULATING, 6.2 TON, 62' BOOM (ADD 28,000 GVW TRUCK & FLATBED)					D-Off		D-Off		40
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$4.65	\$0.21	\$4.86	\$0.00	\$0.24	\$0.00	\$0.00	\$5.74	\$5.98	\$10.84	
Standby	\$2.33	\$0.21							\$2.54		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T40 TRUCK OPTIONS

T40 0.10 CRANES / HOISTS, PERSONNEL & MATE

PALFINGER INC.

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
T40PA004	PK 30002	TRUCK OPTIONS, CRANE, HYDRAULIC, 3-ARM ARTICULATING, 10 TON, 69' BOOM (ADD 52,000 GVW TRUCK & FLATBED)						D-Off	D-Off	64	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$6.23	\$0.28	\$6.51	\$0.00	\$0.26	\$0.00	\$0.00	\$7.68	\$7.94	\$14.45	
Standby	\$3.12	\$0.28							\$3.40		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
T40PA005	PK 50002-EH	TRUCK OPTIONS, CRANE, HYDRAULIC, 2-ARM ARTICULATING, 12.5 TON, 82' BOOM (ADD 60,000 GVW TRUCK & FLATBED)						D-Off	D-Off	107	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$10.41	\$0.47	\$10.88	\$0.00	\$0.27	\$0.00	\$0.00	\$12.84	\$13.11	\$23.99	
Standby	\$5.21	\$0.47							\$5.68		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T40 TRUCK OPTIONS

T40 0.10 CRANES / HOISTS, PERSONNEL & MATE

PALFINGER INC.

							Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT	
T40PA006	PK 65002-SH	TRUCK OPTIONS, CRANE, HYDRAULIC, 2-ARM ARTICULATING, 22 TON, 82' BOOM (ADD 62,000 GVW TRUCK & FLATBED)					D-Off		D-Off		126	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$13.11	\$0.59	\$13.70	\$0.00	\$0.27	\$0.00	\$0.00	\$16.17	\$16.44	\$30.14		
Standby	\$6.56	\$0.59							\$7.15			

							Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT	
T40PA007	PK 22002-EH	TRUCK OPTIONS, CRANE, HYDRAULIC, 3-ARM ARTICULATING, 8.3 TON, 70' BOOM (ADD 30,000 GVW TRUCK & FLATBED)					D-Off		D-Off		53	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$5.88	\$0.27	\$6.15	\$0.00	\$0.26	\$0.00	\$0.00	\$7.25	\$7.51	\$13.66		
Standby	\$2.94	\$0.27							\$3.21			

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T40 TRUCK OPTIONS

T40 0.20 DUMP BODY, REAR

OX BODIES

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
T40OX001	MAVERICK	TRUCK OPTIONS, DUMP BODY, REAR, 10.0 CY, AIR GATE (W/HOIST) (ADD 35,000 GVW TRUCK)		D-Off	D-Off	33				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.17	\$0.04	\$1.21	\$0.00	\$0.00	\$0.00	\$0.00	\$1.13	\$1.13	\$2.34
Severe	\$1.44	\$0.05	\$1.49	\$0.00	\$0.00	\$0.00	\$0.00	\$1.58	\$1.58	\$3.07
Standby	\$0.59	\$0.04							\$0.63	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
T40OX002	MAVERICK	TRUCK OPTIONS, DUMP BODY, REAR, 8 CY, AIR GATE (W/HOIST) (ADD 30,000 GVW TRUCK)		D-Off	D-Off	21				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.13	\$0.04	\$1.17	\$0.00	\$0.00	\$0.00	\$0.00	\$1.08	\$1.08	\$2.25
Severe	\$1.39	\$0.04	\$1.43	\$0.00	\$0.00	\$0.00	\$0.00	\$1.52	\$1.52	\$2.95
Standby	\$0.57	\$0.04							\$0.61	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T40 TRUCK OPTIONS

T400.20DUMP BODY, REAR

OX BODIES

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
T40OX003	STAMPEDE	TRUCK OPTIONS, DUMP BODY, REAR, 16 CY, AIR GATE (W/HOIST) (ADD 50,000 GVW TRUCK)		D-Off	D-Off	35				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.10	\$0.08	\$2.18	\$0.00	\$0.00	\$0.00	\$0.00	\$2.02	\$2.02	\$4.20
Severe	\$2.59	\$0.08	\$2.67	\$0.00	\$0.00	\$0.00	\$0.00	\$2.84	\$2.84	\$5.51
Standby	\$1.05	\$0.08							\$1.13	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
T40OX006	STAMPEDE	TRUCK OPTIONS, DUMP BODY, REAR, 20.0 CY, AIR GATE (W/HOIST) (ADD 50,000 GVW TRUCK)		D-Off	D-Off	40				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.42	\$0.09	\$2.51	\$0.00	\$0.00	\$0.00	\$0.00	\$2.32	\$2.32	\$4.83
Severe	\$2.97	\$0.09	\$3.06	\$0.00	\$0.00	\$0.00	\$0.00	\$3.26	\$3.26	\$6.32
Standby	\$1.21	\$0.09							\$1.30	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T40 TRUCK OPTIONS

T40 0.30 FLATBEDS, WITH SIDES

KNAPHEIDE MANUFACTURING CO.

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
T40KF011	PVMXT-83C	TRUCK OPTIONS, FLATBED, W/40" SIDE RACKS, 8' X 8'						D-Off	D-Off	11	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$0.61	\$0.03	\$0.64	\$0.00	\$0.00	\$0.00	\$0.00	\$0.57	\$0.57	\$1.21	
Standby	\$0.31	\$0.03							\$0.34		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
T40KF013	PVMXT-103C	TRUCK OPTIONS, FLATBED, W/40" SIDE RACKS, 8' X 10'						D-Off	D-Off	14	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$0.65	\$0.03	\$0.68	\$0.00	\$0.00	\$0.00	\$0.00	\$0.60	\$0.60	\$1.28	
Standby	\$0.33	\$0.03							\$0.36		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT
T40KF014	PVMXT-123C	TRUCK OPTIONS, FLATBED, W/40" SIDE RACKS, 8' X 12'					D-Off		D-Off		16
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$0.74	\$0.03	\$0.77	\$0.00	\$0.00	\$0.00	\$0.00	\$0.68	\$0.68	\$1.45	
Standby	\$0.37	\$0.03							\$0.40		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T40 TRUCK OPTIONS

T40 0.30 FLATBEDS, WITH SIDES

KNAPHEIDE MANUFACTURING CO.

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
T40KF016	PVMXT-163C	TRUCK OPTIONS, FLATBED, W/40" SIDE RACKS, 8' X 16'						D-Off	D-Off	16	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$0.91	\$0.04	\$0.95	\$0.00	\$0.00	\$0.00	\$0.00	\$0.85	\$0.85	\$1.80	
Standby	\$0.46	\$0.04							\$0.50		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
T40KF018	PVMXT-203C	TRUCK OPTIONS, FLATBED, W/40" SIDE RACKS, 8' X 20'						D-Off	D-Off	18	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$1.10	\$0.05	\$1.15	\$0.00	\$0.00	\$0.00	\$0.00	\$1.02	\$1.02	\$2.17	
Standby	\$0.55	\$0.05							\$0.60		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
T40KF020	PVMXT-243	TRUCK OPTIONS, FLATBED, W/40" SIDE RACKS, 8' X 24'						D-Off	D-Off	20	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$1.29	\$0.06	\$1.35	\$0.00	\$0.00	\$0.00	\$0.00	\$1.19	\$1.19	\$2.54	
Standby	\$0.65	\$0.06							\$0.71		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T40 TRUCK OPTIONS

T40 0.41 HOIST, ELECTRIC DRIVE

KNAPHEIDE MANUFACTURING CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
T40KF021	KH-1416L	TRUCK OPTIONS, HOIST, ELECTRIC DRIVE, PTO, 10' TO 14', 7-16 TON		D-Off	D-Off	6				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.43	\$0.02	\$0.45	\$0.00	\$0.10	\$0.00	\$0.00	\$0.46	\$0.56	\$1.01
Standby	\$0.22	\$0.02							\$0.24	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
T40KF022	KH-2538L	TRUCK OPTIONS, HOIST, ELECTRIC DRIVE, PTO, 20' TO 24', 20-45 TON		D-Off	D-Off	15				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.89	\$0.04	\$0.93	\$0.00	\$0.10	\$0.00	\$0.00	\$0.96	\$1.06	\$1.99
Standby	\$0.45	\$0.04							\$0.49	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
T40KF023	KH-1416-EE	TRUCK OPTIONS, HOIST, ELECTRIC DRIVE, 10' TO 14', 7-16 TON		D-Off	D-Off	6				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.38	\$0.02	\$0.40	\$0.00	\$0.05	\$0.00	\$0.00	\$0.41	\$0.46	\$0.86
Standby	\$0.19	\$0.02							\$0.21	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T40 TRUCK OPTIONS

T40 0.41 HOIST, ELECTRIC DRIVE

KNAPHEIDE MANUFACTURING CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T40KF024	KH-1627L-EE	TRUCK OPTIONS, HOIST, ELECTRIC DRIVE, 15' TO 20', 14-37 TON		D-Off		D-Off		10		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.39	\$0.02	\$0.41	\$0.00	\$0.05	\$0.00	\$0.00	\$0.42	\$0.47	\$0.88
Standby	\$0.20	\$0.02							\$0.22	

T40 0.50 TRANSIT MIXERS

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T40XX036	10CY MIXER	TRANSIT MIXER, 10 CY, HYDROSTATIC, (INCLUDES 66,000 GVW TRUCK)		D-On	410	HP	D-Off	274		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$15.24	\$0.67	\$15.91	\$38.00	\$5.94	\$2.80	\$0.48	\$15.65	\$62.88	\$78.79
Standby	\$7.62	\$0.67							\$8.29	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T40 TRUCK OPTIONS

T40 0.50 TRANSIT MIXERS

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T40XX037	11CY MIXER	TRANSIT MIXER, 11 CY, HYDROSTATIC, (INCLUDES 70,000 GVW TRUCK)		D-On	410	HP	D-Off	285		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$13.29	\$0.59	\$13.88	\$38.00	\$5.94	\$2.80	\$0.48	\$13.67	\$60.90	\$74.78
Standby	\$6.65	\$0.59							\$7.24	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T40XX038	12CY MIXER	TRANSIT MIXER, 12 CY, HYDROSTATIC, (INCLUDES 75,000 GVW TRUCK)		D-On	395	HP	D-Off	295		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$20.73	\$0.90	\$21.63	\$36.61	\$5.73	\$3.01	\$0.52	\$21.24	\$67.11	\$88.74
Standby	\$10.37	\$0.90							\$11.27	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T40 TRUCK OPTIONS

T40 0.60 WATER TANKS

ROSCO, A LeeBoy COMPANY

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
T40RS001	DS 2000	TRUCK OPTIONS, WATER TANK, 2,000 GAL (ADD 28,000 GVW TRUCK)						D-Off	D-Off	38	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$3.95	\$0.20	\$4.15	\$0.00	\$0.00	\$0.00	\$0.00	\$3.90	\$3.90	\$8.05	
Standby	\$1.98	\$0.20							\$2.18		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
T40RS002	DS 3000	TRUCK OPTIONS, WATER TANK, 3,000 GAL (ADD 40,000 GVW TRUCK)						D-Off	D-Off	45	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$4.16	\$0.21	\$4.37	\$0.00	\$0.00	\$0.00	\$0.00	\$4.10	\$4.10	\$8.47	
Standby	\$2.08	\$0.21							\$2.29		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT
T40RS003	DS 4000	TRUCK OPTIONS, WATER TANK, 4,000 GAL (ADD 50,000 GVW TRUCK)					D-Off		D-Off		55
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$4.93	\$0.24	\$5.17	\$0.00	\$0.00	\$0.00	\$0.00	\$4.87	\$4.87	\$10.04	
Standby	\$2.47	\$0.24							\$2.71		

* - Adjustable Elements

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Hourly Equipment Ownership and Operating Expense

T40 TRUCK OPTIONS

T40 0.70 ALL OTHER OPTIONS

ARROW-MASTER, INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T40AG001	1350T	TRUCK OPTIONS, GUILLOTINE CONCRETE BREAKER, W/8" DIA BREAKING TOOL AND CAB		D-Off	74	HP	D-Off	96		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$10.77	\$0.49	\$11.26	\$5.69	\$0.89	\$0.29	\$0.05	\$11.65	\$18.57	\$29.83
Standby	\$5.39	\$0.49							\$5.88	

T45 TRUCK TRAILERS

T45 0.10 BOTTOM DUMP

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T45XX001	BD22.8	TRUCK TRAILER, BOTTOM DUMP, 22.8 CY, 27 TON (ADD TOWING TRUCK)		D-Off		D-Off		122		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.65	\$0.14	\$2.79	\$0.00	\$0.40	\$1.12	\$0.19	\$2.59	\$4.30	\$7.09
Severe	\$3.31	\$0.15	\$3.46	\$0.00	\$0.40	\$3.55	\$0.61	\$3.69	\$8.25	\$11.71
Standby	\$1.33	\$0.14							\$1.47	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T45 0.10 BOTTOM DUMP

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
T45XX003	BD25-30	TRUCK TRAILER, BOTTOM DUMP, 25 CY, 30 TON (ADD TOWING TRUCK)		D-Off	D-Off	136				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.38	\$0.22	\$4.60	\$0.00	\$0.40	\$1.03	\$0.18	\$4.25	\$5.85	\$10.45
Severe	\$5.48	\$0.23	\$5.71	\$0.00	\$0.40	\$3.26	\$0.56	\$6.07	\$10.29	\$16.00
Standby	\$2.19	\$0.22							\$2.41	

TRAIL KING INDUSTRIES, INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
T45TT001	TK BD22-362	TRUCK TRAILER, BOTTOM DUMP, 22 CY, 36' - 3 AXLE, W/ TARP, CLAMSHELL (ADD TOWING TRUCK)		D-Off	D-Off	122				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.54	\$0.19	\$3.73	\$0.00	\$0.30	\$1.68	\$0.29	\$3.46	\$5.73	\$9.46
Severe	\$4.42	\$0.20	\$4.62	\$0.00	\$0.30	\$5.32	\$0.92	\$4.95	\$11.49	\$16.11
Standby	\$1.77	\$0.19							\$1.96	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T45 0.10 BOTTOM DUMP

TRAIL KING INDUSTRIES, INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
T45TT002	TK BD22-402	TRUCK TRAILER, BOTTOM DUMP, 22 CY, 40' - 2 AXLE, W/ TARP, CLAMSHELL (ADD TOWING TRUCK)		D-Off	D-Off	126				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.46	\$0.18	\$3.64	\$0.00	\$0.30	\$1.12	\$0.19	\$3.37	\$4.98	\$8.62
Severe	\$4.33	\$0.18	\$4.51	\$0.00	\$0.30	\$3.55	\$0.61	\$4.81	\$9.27	\$13.78
Standby	\$1.73	\$0.18							\$1.91	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
T45TT003	TK BD22-403	TRUCK TRAILER, BOTTOM DUMP, 22 CY, 40' - 2 AXLE, W/ TARP, CLAMSHELL (ADD TOWING TRUCK)		D-Off	D-Off	146				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.89	\$0.20	\$4.09	\$0.00	\$0.30	\$1.12	\$0.19	\$3.78	\$5.39	\$9.48
Severe	\$4.87	\$0.21	\$5.08	\$0.00	\$0.30	\$3.55	\$0.61	\$5.40	\$9.86	\$14.94
Standby	\$1.95	\$0.20							\$2.15	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T45 0.10 BOTTOM DUMP

TRAIL KING INDUSTRIES, INC.

			Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT
T45TT004	TK BD22-433	TRUCK TRAILER, BOTTOM DUMP, 22 CY, 43' - 3 AXLE, W/ TARP, CLAMSHELL (ADD TOWING TRUCK)		D-Off	D-Off	149

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.76	\$0.21	\$3.97	\$0.00	\$0.30	\$1.68	\$0.29	\$3.67	\$5.94	\$9.91
Severe	\$4.70	\$0.21	\$4.91	\$0.00	\$0.30	\$5.32	\$0.92	\$5.25	\$11.79	\$16.70
Standby	\$1.88	\$0.21							\$2.09	

T45 0.20 END / SIDE DUMP

CANCADE

			Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT
T45C6003	29' TANDEM	TRUCK TRAILER, END DUMP, 25 CY, DOUBLE AXLE, (W/HOIST) (ADD TOWING TRUCK)		D-Off	D-Off	150

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.47	\$0.23	\$4.70	\$0.00	\$0.40	\$1.04	\$0.18	\$4.02	\$5.64	\$10.34
Severe	\$5.59	\$0.23	\$5.82	\$0.00	\$0.40	\$3.29	\$0.57	\$5.80	\$10.06	\$15.88
Standby	\$2.24	\$0.23							\$2.47	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T45 0.20 END / SIDE DUMP

CANCADE

						Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description				12/1/2017	Main	Carrier	CWT	
T45C6004	33' TRIDEM	TRUCK TRAILER, END DUMP, 30 CY, 36 TON, 32' - 3 AXLE (W/HOIST) (ADD TOWING TRUCK)					D-Off	D-Off	172	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.96	\$0.26	\$5.22	\$0.00	\$0.40	\$1.56	\$0.27	\$4.48	\$6.71	\$11.93
Severe	\$6.20	\$0.26	\$6.46	\$0.00	\$0.40	\$4.94	\$0.85	\$6.46	\$12.65	\$19.11
Standby	\$2.48	\$0.26							\$2.74	

NO SPECIFIC MANUFACTURER

						Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description				12/1/2017	Main	Carrier	CWT	
T45XX008	25CY END	TRUCK TRAILER, END DUMP, 25 CY, 30 TON DUMP TRLR (ADD TOWING TRUCK)					D-Off	D-Off	147	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.00	\$0.16	\$3.16	\$0.00	\$0.40	\$1.03	\$0.18	\$2.71	\$4.31	\$7.47
Severe	\$3.75	\$0.16	\$3.91	\$0.00	\$0.40	\$3.26	\$0.56	\$3.91	\$8.13	\$12.04
Standby	\$1.50	\$0.16							\$1.66	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T45 0.20 END / SIDE DUMP

TRAIL KING INDUSTRIES, INC.

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main	Carrier	CWT			
T45TT005	TK60SSD-402	TRUCK TRAILER, SIDE DUMP, 29 CY, 40' - 2 AXLE, W/ TARP (ADD TOWING TRUCK)			D-Off	D-Off	143			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.58	\$0.19	\$3.77	\$0.00	\$0.00	\$1.12	\$0.19	\$3.23	\$4.54	\$8.31
Severe	\$4.47	\$0.19	\$4.66	\$0.00	\$0.00	\$3.55	\$0.61	\$4.66	\$8.82	\$13.48
Standby	\$1.79	\$0.19							\$1.98	

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main	Carrier	CWT			
T45TT006	TK60SSD-403	TRUCK TRAILER, SIDE DUMP, 29 CY, 40' - 3 AXLE, W/ TARP (ADD TOWING TRUCK)			D-Off	D-Off	143			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.70	\$0.20	\$3.90	\$0.00	\$0.00	\$1.68	\$0.29	\$3.36	\$5.32	\$9.22
Severe	\$4.62	\$0.21	\$4.83	\$0.00	\$0.00	\$5.32	\$0.92	\$4.84	\$11.08	\$15.91
Standby	\$1.85	\$0.20							\$2.05	

* - Adjustable Elements

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T45 TRUCK TRAILERS

T45 0.20 END / SIDE DUMP

TRAIL KING INDUSTRIES, INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
T45TT007	TK60SSD-433	TRUCK TRAILER, SIDE DUMP, 31 CY, 43' - 3 AXLE, W/ TARP (ADD TOWING TRUCK)		D-Off	D-Off	164				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.83	\$0.21	\$4.04	\$0.00	\$0.00	\$1.68	\$0.29	\$3.48	\$5.44	\$9.48
Severe	\$4.79	\$0.21	\$5.00	\$0.00	\$0.00	\$5.32	\$0.92	\$5.02	\$11.26	\$16.26
Standby	\$1.92	\$0.21							\$2.13	

T45 0.30 PUP TRAILER

CANCADE

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
T45C6001	14' PUP	TRUCK TRAILER, PUP TRAILER, 13 CY, 14', DOUBLE AXLE (W/HOIST) (ADD TOWING TRUCK)		D-Off	D-Off	100				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.44	\$0.15	\$3.59	\$0.00	\$0.40	\$1.12	\$0.19	\$2.88	\$4.59	\$8.18
Standby	\$1.72	\$0.15							\$1.87	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T45 0.30 PUP TRAILER

CANCADE

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
T45C6002	17' PUP	TRUCK TRAILER, PUP TRAILER, 15 CY, 17', TRIPLE AXLE (W/HOIST) (ADD TOWING TRUCK)		D-Off	D-Off	130				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.02	\$0.18	\$4.20	\$0.00	\$0.40	\$1.56	\$0.27	\$3.37	\$5.60	\$9.80
Standby	\$2.01	\$0.18							\$2.19	

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
T45XX009	10CY PUP	TRUCK TRAILER, PUP TRAILER, 10 CY, LONG TONGUE (ADD TOWING TRUCK)		D-Off	D-Off	86				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.99	\$0.17	\$4.16	\$0.00	\$0.40	\$1.12	\$0.19	\$3.33	\$5.04	\$9.20
Standby	\$2.00	\$0.17							\$2.17	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
T45XX032	12CY PUP	TRUCK TRAILER, PUP TRAILER, 12 CY, 14.5 TON, 2 AXLE (ADD TOWING TRUCK)		D-Off	D-Off	130				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.10	\$0.21	\$5.31	\$0.00	\$0.50	\$1.04	\$0.18	\$4.24	\$5.96	\$11.27
Standby	\$2.55	\$0.21							\$2.76	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T450.30PUP TRAILER

T450.41LOWBOY, RIGID NECK, DROP DECK

EAGER BEAVER

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
T45EA006	35GSL-BR	TRUCK TRAILER, LOWBOY, 35 TON, 2 AXLE, DETATCHABLE GOOSENECK (ADD TOWING TRUCK)					D-Off		D-Off		171
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$4.30	\$0.22	\$4.52	\$0.00	\$0.50	\$1.14	\$0.20	\$2.98	\$4.82	\$9.34	
Standby	\$2.15	\$0.22							\$2.37		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
T45EA007	50GSL-3	TRUCK TRAILER, LOWBOY, 50 TON, 3 AXLE , DETATCHABLE GOOSENECK (ADD TOWING TRUCK)					D-Off		D-Off		205
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$5.14	\$0.27	\$5.41	\$0.00	\$0.50	\$1.71	\$0.30	\$3.58	\$6.08	\$11.49	
Standby	\$2.57	\$0.27							\$2.84		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T45 0.41 LOWBOY, RIGID NECK, DROP DECK

NO SPECIFIC MANUFACTURER

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
T45XX011	LBY-25	TRUCK TRAILER, LOWBOY, 25 TON, 2 AXLE (ADD TOWING TRUCK)					D-Off		D-Off	109	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$1.54	\$0.09	\$1.63	\$0.00	\$0.40	\$0.82	\$0.14	\$1.08	\$2.44	\$4.07	
Standby	\$0.77	\$0.09							\$0.86		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
T45XX013	LBY-35	TRUCK TRAILER, LOWBOY, 35 TON, 2 AXLE (ADD TOWING TRUCK)					D-Off		D-Off	135	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$4.94	\$0.23	\$5.17	\$0.00	\$0.40	\$0.38	\$0.07	\$3.40	\$4.25	\$9.42	
Standby	\$2.47	\$0.23							\$2.70		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
T45XX014	50T LOWBOY	TRUCK TRAILER, LOW BOY, 50 TON, 3 AXLE (ADD TOWING TRUCK)					D-Off		D-Off	225	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$7.03	\$0.35	\$7.38	\$0.00	\$0.00	\$1.34	\$0.23	\$4.86	\$6.43	\$13.81	
Standby	\$3.52	\$0.35							\$3.87		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T45 0.41 LOWBOY, RIGID NECK, DROP DECK

NO SPECIFIC MANUFACTURER

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
T45XX015	LBY-40	TRUCK TRAILER, LOWBOY, 40 TON, 3 AXLE (ADD TOWING TRUCK)					D-Off		D-Off	136	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$6.29	\$0.32	\$6.61	\$0.00	\$0.50	\$1.68	\$0.29	\$4.36	\$6.83	\$13.44	
Standby	\$3.15	\$0.32							\$3.47		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
T45XX016	LBY-55	TRUCK TRAILER, LOWBOY, 55 TON, 3 AXLE (ADD TOWING TRUCK)					D-Off		D-Off	145	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$4.35	\$0.23	\$4.58	\$0.00	\$0.50	\$1.68	\$0.29	\$3.03	\$5.51	\$10.09	
Standby	\$2.18	\$0.23							\$2.41		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
T45XX017	LBY-60	TRUCK TRAILER, LOWBOY, 60 TON, 4 AXLE (ADD TOWING TRUCK)					D-Off		D-Off	175	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$9.90	\$0.49	\$10.39	\$0.00	\$0.50	\$1.79	\$0.31	\$6.84	\$9.43	\$19.82	
Standby	\$4.95	\$0.49							\$5.44		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T45 0.41 LOWBOY, RIGID NECK, DROP DECK

NO SPECIFIC MANUFACTURER

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
T45XX018	LBY-65	TRUCK TRAILER, LOWBOY, 65 TON, 5 AXLE (ADD TOWING TRUCK)					D-Off		D-Off	213	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$7.57	\$0.39	\$7.96	\$0.00	\$0.50	\$2.23	\$0.39	\$5.25	\$8.37	\$16.33	
Standby	\$3.79	\$0.39							\$4.18		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
T45XX020	80T LOWBOY TRAILER	TRUCK TRAILER, LOWBOY, 80 TON, 9 AXLE (ADD TOWING TRUCK)					D-Off		D-Off	268	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$21.24	\$1.05	\$22.29	\$0.00	\$0.60	\$4.02	\$0.69	\$14.68	\$19.99	\$42.28	
Standby	\$10.62	\$1.05							\$11.67		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T450.41LOWBOY, RIGID NECK, DROP DECK

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
T45XX023	120T LOWBOY TRAILER	TRUCK TRAILER, LOWBOY, 120 TON, 10 AXLE (ADD TOWING TRUCK)		D-Off	D-Off	350				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$37.56	\$1.81	\$39.37	\$0.00	\$0.60	\$4.47	\$0.77	\$25.88	\$31.71	\$71.08
Standby	\$18.78	\$1.81							\$20.59	

T450.50FLATBED TRAILER

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
T45XX025	25T FLATBED TRAILER	TRUCK TRAILER, FLATBED, 25 TON, 2 AXLE (ADD TOWING TRUCK)		D-Off	D-Off	110				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.83	\$0.09	\$1.92	\$0.00	\$0.10	\$0.42	\$0.07	\$1.26	\$1.86	\$3.78
Standby	\$0.92	\$0.09							\$1.01	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T45 0.50 FLATBED TRAILER

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
T45XX035	40T FLATBED TRAILER	TRUCK TRAILER, FLATBED, 40 TON, 2 AXLE (ADD TOWING TRUCK)		D-Off	D-Off	110				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.45	\$0.17	\$3.62	\$0.00	\$0.40	\$0.83	\$0.14	\$2.39	\$3.76	\$7.38
Standby	\$1.73	\$0.17							\$1.90	

TRAIL KING INDUSTRIES, INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT				
T45TT008	TK80HT	TRUCK TRAILER, FLATBED, 40 TON, 48' - 2 AXLE, HYDRAULIC TAIL/RAMP (ADD TOWING TRUCK)		D-Off	D-Off	110				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.58	\$0.27	\$5.85	\$0.00	\$0.00	\$0.58	\$0.10	\$3.84	\$4.53	\$10.38
Standby	\$2.79	\$0.27							\$3.06	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T45 0.50 FLATBED TRAILER

TRAIL KING INDUSTRIES, INC.

			Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT
T45TT009	TK80SA	TRUCK TRAILER, FLATBED, 40 TON, 48' - 2 AXLE, SLIDING AXLE TILT FUNCTION (ADD TOWING TRUCK)		D-Off	D-Off	110

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.89	\$0.33	\$7.22	\$0.00	\$0.00	\$0.58	\$0.10	\$4.74	\$5.42	\$12.64
Standby	\$3.45	\$0.33							\$3.78	

T45 0.60 MISCELLANEOUS / UTILITY

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description	12/1/2017	Main	Carrier	CWT
T45XX026	10T TILT BED TRAILER	TRUCK TRAILER, MISCELLANEOUS/UTILITY, TILT BED, 10 TON, 2 AXLE (ADD TOWING TRUCK)		D-Off	D-Off	57

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.10	\$0.06	\$1.16	\$0.00	\$0.40	\$0.30	\$0.05	\$0.76	\$1.52	\$2.68
Standby	\$0.55	\$0.06							\$0.61	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T45 0.60 MISCELLANEOUS / UTILITY

NO SPECIFIC MANUFACTURER

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
T45XX027	15T TILT BED TRAILER	TRUCK TRAILER, MISCELLANEOUS/UTILITY, TILT BED, 15 TON, 2 AXLE (ADD TOWING TRUCK)						D-Off	D-Off	65	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$1.87	\$0.09	\$1.96	\$0.00	\$0.40	\$0.42	\$0.07	\$1.30	\$2.19	\$4.15	
Standby	\$0.94	\$0.09							\$1.03		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT
T45XX028	20T TILT BED TRAILER	TRUCK TRAILER, MISCELLANEOUS/UTILITY, TILT BED, 20 TON, 2 AXLE (ADD TOWING TRUCK)					D-Off		D-Off		83
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$1.87	\$0.09	\$1.96	\$0.00	\$0.40	\$0.42	\$0.07	\$1.30	\$2.19	\$4.15	
Standby	\$0.94	\$0.09							\$1.03		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T45 0.60 MISCELLANEOUS / UTILITY

NO SPECIFIC MANUFACTURER

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main	Carrier	CWT	
T45XX036	7T TILT BED	TRUCK TRAILER, MISC/UTILITY, FOLD DOWN REAR RAMPS, WOOD DECK, STEEL FRAME, 7 TON CAPACITY (ADD TOWING TRUCK)						D-Off	D-Off	70	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$0.84	\$0.04	\$0.88	\$0.00	\$0.00	\$0.13	\$0.02	\$0.58	\$0.74	\$1.62	
Standby	\$0.42	\$0.04							\$0.46		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT
T45XX037	6T UTILITY	TRUCK TRAILER, MISC/UTILITY, FOLD DOWN REAR RAMPS, WOOD DECK, STEEL FRAME, 6 TON CAPACITY (ADD TOWING TRUCK)					D-Off		D-Off		27
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$0.63	\$0.03	\$0.66	\$0.00	\$0.00	\$0.16	\$0.03	\$0.44	\$0.62	\$1.28	
Standby	\$0.32	\$0.03							\$0.35		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T45 0.70 WATER TANKER TRAILER

NO SPECIFIC MANUFACTURER

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT
T45XX029	4K GAL, WATER TRLR	TRUCK TRAILER, WATER TANKER, 4,000 GAL (ADD TOWING TRUCK)					D-Off		D-Off		170
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$4.94	\$0.33	\$5.27	\$0.00	\$0.00	\$1.12	\$0.19	\$4.99	\$6.30	\$11.57	
Standby	\$2.47	\$0.33							\$2.80		

							Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier	CWT
T45XX030	5K GAL, WATER TRLR	TRUCK TRAILER, WATER TANKER, 5,000 GAL (ADD TOWING TRUCK)					D-Off		D-Off		240
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$5.18	\$0.34	\$5.52	\$0.00	\$0.00	\$1.12	\$0.19	\$5.23	\$6.54	\$12.06	
Standby	\$2.59	\$0.34							\$2.93		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T45 0.70 WATER TANKER TRAILER

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T45XX031	6K GAL, WATER TRLR	TRUCK TRAILER, WATER TANKER, 6,000 GAL (ADD TOWING TRUCK)		D-Off		D-Off		250		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.31	\$0.35	\$5.66	\$0.00	\$0.00	\$1.12	\$0.19	\$5.36	\$6.67	\$12.33
Standby	\$2.66	\$0.35							\$3.01	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T45XX038	WT5C	TRUCK TRAILER, WATER TANKER, 525 GAL W/ GAS POWERED PUMP, 158 GPM (ADD TOWING TRUCK)		Gas	4	HP	D-Off	15		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.44	\$0.03	\$0.47	\$0.53	\$0.07	\$0.11	\$0.02	\$0.44	\$1.18	\$1.65
Standby	\$0.22	\$0.03							\$0.25	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T45 0.70 WATER TANKER TRAILER

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
T45XX039	1025 GAL	TRUCK TRAILER, WATER TANKER, 1025 GAL TANK, 25' X 1-1/2" FIRE HOSE & NOZZLE		Gas	4	HP	D-Off		22	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.72	\$0.05	\$0.77	\$0.53	\$0.07	\$0.10	\$0.02	\$0.72	\$1.44	\$2.21
Standby	\$0.36	\$0.05							\$0.41	

T45 0.90 TANK TRAILERS

GRACO, INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
T45G1001	REACTOR 2H-30	FOAM SPRAY RIG, UP TO 52 LB/MIN, 40KW GENERATOR & 100 CFM COMPRESSOR INCLUDED, MOUNTED WITHIN ENCLOSED TRAILER		D-On	75	HP	D-Off		160	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.45	\$0.40	\$6.85	\$6.95	\$0.82	\$0.11	\$0.02	\$7.44	\$15.34	\$22.19
Standby	\$3.23	\$0.40							\$3.63	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T450.90TANK TRAILERS

GRACO, INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T45G1002	REACTOR 2E-30	FOAM SPRAY RIG, UP TO 30 LB/MIN, 40 KW GENERATOR & 60 CFM COMPRESSOR INCLUDED, MOUNTED WITHIN ENCLOSED TRAILER		D-On	75	HP	D-Off	140		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.18	\$0.38	\$6.56	\$6.95	\$0.82	\$0.11	\$0.02	\$7.13	\$15.02	\$21.58
Standby	\$3.09	\$0.38							\$3.47	

T50 TRUCKS, HIGHWAY (Add attachments as required)

T500.010 THRU 10,000 GVW

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T50CA001	CUV102	SIDE BY SIDE UTILITY VEHICLE, TWO SEAT, 1,000 LB REAR BED CAPACITY, 2,000 LB TOW CAPACITY, 4WD		D-Off	25	HP	D-Off	17		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.60	\$0.07	\$1.67	\$0.43	\$0.05	\$0.13	\$0.02	\$1.70	\$2.33	\$4.00
Severe	\$1.97	\$0.08	\$2.05	\$0.62	\$0.07	\$0.38	\$0.07	\$2.24	\$3.38	\$5.43
Standby	\$0.80	\$0.07							\$0.87	

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

T50 TRUCKS, HIGHWAY (Add attachments as required)

T50 0.01 0 THRU 10,000 GVW

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T50CA002	CUV84	SIDE BY SIDE UTILITY VEHICLE, TWO SEAT, 1,000 LB REAR BED CAPACITY, 2,000 LB TOW CAPACITY, 4WD		Gas	50	HP	D-Off	16		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.48	\$0.07	\$1.55	\$1.57	\$0.21	\$0.13	\$0.02	\$1.57	\$3.50	\$5.05
Severe	\$1.82	\$0.07	\$1.89	\$2.02	\$0.28	\$0.38	\$0.07	\$2.07	\$4.81	\$6.70
Standby	\$0.74	\$0.07							\$0.81	

GENERAL MOTORS

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T50GM001	SILVERADO	TRUCK, HIGHWAY, 6,500 GVW, 4X2 1500		Gas	285	HP	D-Off	26		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.92	\$0.14	\$3.06	\$8.94	\$1.22	\$0.16	\$0.03	\$3.09	\$13.44	\$16.50
Severe	\$3.60	\$0.14	\$3.74	\$11.49	\$1.57	\$0.43	\$0.07	\$4.08	\$17.64	\$21.38
Standby	\$1.46	\$0.14							\$1.60	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T50 TRUCKS, HIGHWAY (Add attachments as required)

T50 0.01 0 THRU 10,000 GVW

GENERAL MOTORS

							Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier		CWT
T50GM004	SUBURBAN	TRUCK, HIGHWAY, 8,600 GVW, 4X2 (SUBURBAN)						Gas	355	HP	D-Off	50
2500												
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$4.70	\$0.22	\$4.92	\$11.13	\$1.52	\$0.31	\$0.05	\$4.97	\$18.00	\$22.92		
Severe	\$5.78	\$0.22	\$6.00	\$14.31	\$1.96	\$0.87	\$0.15	\$6.56	\$23.84	\$29.84		
Standby	\$2.35	\$0.22							\$2.57			

							Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description					12/1/2017	Main		Carrier		CWT
T50GM005	SUBURBAN	TRUCK, HIGHWAY, 8,600 GVW, 4X4 (SUBURBAN)						Gas	355	HP	D-Off	52
2500												
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$5.14	\$0.24	\$5.38	\$11.13	\$1.52	\$0.33	\$0.06	\$5.44	\$18.48	\$23.86		
Severe	\$6.33	\$0.24	\$6.57	\$14.31	\$1.96	\$0.98	\$0.17	\$7.17	\$24.59	\$31.16		
Standby	\$2.57	\$0.24							\$2.81			

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

T50 TRUCKS, HIGHWAY (Add attachments as required)

T50 0.01 0 THRU 10,000 GVW

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
T50XX001	4X2 1/2 TON CONV GAS	TRUCK, HIGHWAY, CONVENTIONAL, 1/2 TON PICKUP, 4X2		Gas	385	HP	D-Off		43	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.73	\$0.13	\$2.86	\$12.07	\$1.65	\$0.16	\$0.03	\$2.89	\$16.79	\$19.65
Severe	\$3.36	\$0.13	\$3.49	\$15.52	\$2.12	\$0.43	\$0.07	\$3.81	\$21.95	\$25.44
Standby	\$1.37	\$0.13							\$1.50	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
T50XX002	4X2 3/4 TON CONV GAS	TRUCK, HIGHWAY, CONVENTIONAL, 3/4 TON PICKUP, 4X2		Gas	385	HP	D-Off		60	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.32	\$0.15	\$3.47	\$12.07	\$1.65	\$0.16	\$0.03	\$3.51	\$17.41	\$20.88
Severe	\$4.08	\$0.16	\$4.24	\$15.52	\$2.12	\$0.43	\$0.07	\$4.62	\$22.77	\$27.01
Standby	\$1.66	\$0.15							\$1.81	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T50 TRUCKS, HIGHWAY (Add attachments as required)

T50 0.01 0 THRU 10,000 GVW

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
T50XX003	4X2 1 TON	TRUCK, HIGHWAY, CONVENTIONAL, 1 TON CONV GAS PICKUP, 4X2		Gas	385	HP	D-Off		66	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.43	\$0.16	\$3.59	\$12.07	\$1.65	\$0.16	\$0.03	\$3.62	\$17.53	\$21.12
Severe	\$4.22	\$0.16	\$4.38	\$15.52	\$2.12	\$0.43	\$0.07	\$4.78	\$22.92	\$27.30
Standby	\$1.72	\$0.16							\$1.88	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
T50XX004	4X4 1/2 TON CONV	TRUCK, HIGHWAY, CONVENTIONAL, 1/2 TON PICKUP, 4X4 GAS		Gas	385	HP	D-Off		45	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.57	\$0.16	\$3.73	\$12.07	\$1.65	\$0.16	\$0.03	\$3.77	\$17.68	\$21.41
Severe	\$4.39	\$0.17	\$4.56	\$15.52	\$2.12	\$0.48	\$0.08	\$4.97	\$23.18	\$27.74
Standby	\$1.79	\$0.16							\$1.95	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T50 TRUCKS, HIGHWAY (Add attachments as required)

T50 0.01 0 THRU 10,000 GVW

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
T50XX005	4X4 3/4 TON CONV GAS	TRUCK, HIGHWAY, CONVENTIONAL, 3/4 TON PICKUP, 4X4		Gas	385	HP	D-Off		64	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.60	\$0.17	\$3.77	\$12.07	\$1.65	\$0.16	\$0.03	\$3.80	\$17.72	\$21.49
Severe	\$4.43	\$0.17	\$4.60	\$15.52	\$2.12	\$0.48	\$0.08	\$5.01	\$23.22	\$27.82
Standby	\$1.80	\$0.17							\$1.97	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
T50XX006	4X4 1 TON CONV GAS	TRUCK, HIGHWAY, CONVENTIONAL, 1 TON PICKUP, 4X4		Gas	385	HP	D-Off		65	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.69	\$0.17	\$3.86	\$12.07	\$1.65	\$0.16	\$0.03	\$3.90	\$17.81	\$21.67
Severe	\$4.54	\$0.17	\$4.71	\$15.52	\$2.12	\$0.48	\$0.08	\$5.14	\$23.35	\$28.06
Standby	\$1.85	\$0.17							\$2.02	

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

T50 TRUCKS, HIGHWAY (Add attachments as required)

T50 0.01 0 THRU 10,000 GVW

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T50XX007	4X2 1/2 TON CREW GAS	TRUCK, HIGHWAY, CREW, 1/2 TON PICKUP, 4X2		Gas	385	HP	D-Off	47		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.73	\$0.17	\$3.90	\$12.07	\$1.65	\$0.16	\$0.03	\$3.94	\$17.84	\$21.74
Severe	\$4.59	\$0.18	\$4.77	\$15.52	\$2.12	\$0.43	\$0.07	\$5.19	\$23.34	\$28.11
Standby	\$1.87	\$0.17							\$2.04	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T50XX008	4X2 3/4 TON CREW GAS	TRUCK, HIGHWAY, CREW, 3/4 TON PICKUP, 4X2		Gas	385	HP	D-Off	66		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.68	\$0.17	\$3.85	\$12.07	\$1.65	\$0.16	\$0.03	\$3.89	\$17.79	\$21.64
Severe	\$4.53	\$0.17	\$4.70	\$15.52	\$2.12	\$0.43	\$0.07	\$5.13	\$23.27	\$27.97
Standby	\$1.84	\$0.17							\$2.01	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T50 TRUCKS, HIGHWAY (Add attachments as required)

T50 0.01 0 THRU 10,000 GVW

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T50XX009	4X2 1 TON CREW GAS	TRUCK, HIGHWAY, CREW, 1 TON PICKUP, 4X2		Gas	385	HP	D-Off	66		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.78	\$0.17	\$3.95	\$12.07	\$1.65	\$0.16	\$0.03	\$3.99	\$17.90	\$21.85
Severe	\$4.65	\$0.18	\$4.83	\$15.52	\$2.12	\$0.43	\$0.07	\$5.26	\$23.41	\$28.24
Standby	\$1.89	\$0.17							\$2.06	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T50XX010	4X4 1/2 TON CREW GAS	TRUCK, HIGHWAY, CREW, 1/2 TON PICKUP, 4X4		Gas	385	HP	D-Off	50		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.00	\$0.18	\$4.18	\$12.07	\$1.65	\$0.24	\$0.04	\$4.23	\$18.22	\$22.40
Severe	\$4.92	\$0.19	\$5.11	\$15.52	\$2.12	\$0.69	\$0.12	\$5.57	\$24.03	\$29.14
Standby	\$2.00	\$0.18							\$2.18	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T50 TRUCKS, HIGHWAY (Add attachments as required)

T50 0.01 0 THRU 10,000 GVW

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
T50XX011	4X4 3/4 TON CREW GAS	TRUCK, HIGHWAY, CREW, 3/4 TON PICKUP, 4X4		Gas	385	HP	D-Off		70	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.93	\$0.18	\$4.11	\$12.07	\$1.65	\$0.16	\$0.03	\$4.15	\$18.06	\$22.17
Severe	\$4.84	\$0.18	\$5.02	\$15.52	\$2.12	\$0.48	\$0.08	\$5.47	\$23.68	\$28.70
Standby	\$1.97	\$0.18							\$2.15	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
T50XX012	4X4 1 TON CREW GAS	TRUCK, HIGHWAY, CREW, 1 TON PICKUP, 4X4		Gas	385	HP	D-Off		70	

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.18	\$0.19	\$4.37	\$12.07	\$1.65	\$0.16	\$0.03	\$4.42	\$18.33	\$22.70
Severe	\$5.15	\$0.20	\$5.35	\$15.52	\$2.12	\$0.48	\$0.08	\$5.82	\$24.04	\$29.39
Standby	\$2.09	\$0.19							\$2.28	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T50 TRUCKS, HIGHWAY (Add attachments as required)

T50 0.01 0 THRU 10,000 GVW

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T50XX014	4X2 3/4 TON CONV DSL	TRUCK, HIGHWAY, CONVENTIONAL, 3/4 TON PICKUP, 4X2		D-On	440	HP	D-Off	66		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.11	\$0.19	\$4.30	\$9.21	\$1.08	\$0.16	\$0.03	\$4.34	\$14.81	\$19.11
Severe	\$5.06	\$0.19	\$5.25	\$13.16	\$1.54	\$0.43	\$0.07	\$5.72	\$20.92	\$26.17
Standby	\$2.06	\$0.19							\$2.25	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T50XX015	4X2 1 TON CONV DSL	TRUCK, HIGHWAY, CONVENTIONAL, 1 TON PICKUP, 4X2		D-On	440	HP	D-Off	67		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.24	\$0.20	\$4.44	\$9.21	\$1.08	\$0.22	\$0.04	\$4.49	\$15.04	\$19.48
Severe	\$5.22	\$0.20	\$5.42	\$13.16	\$1.54	\$0.61	\$0.11	\$5.92	\$21.34	\$26.76
Standby	\$2.12	\$0.20							\$2.32	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T50 TRUCKS, HIGHWAY (Add attachments as required)

T50 0.01 0 THRU 10,000 GVW

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T50XX017	4X4 3/4 TON CONV DSL	TRUCK, HIGHWAY, CONVENTIONAL, 3/4 TON PICKUP, 4X4		D-On	440	HP	D-Off	70		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.31	\$0.20	\$4.51	\$9.21	\$1.08	\$0.16	\$0.03	\$4.55	\$15.03	\$19.54
Severe	\$5.31	\$0.20	\$5.51	\$13.16	\$1.54	\$0.48	\$0.08	\$6.00	\$21.27	\$26.78
Standby	\$2.16	\$0.20							\$2.36	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T50XX018	4X4 1 TON CONV DSL	TRUCK, HIGHWAY, CONVENTIONAL, 1 TON PICKUP, 4X4		D-On	440	HP	D-Off	71		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.40	\$0.20	\$4.60	\$9.21	\$1.08	\$0.31	\$0.05	\$4.65	\$15.30	\$19.90
Severe	\$5.41	\$0.21	\$5.62	\$13.16	\$1.54	\$0.91	\$0.16	\$6.13	\$21.90	\$27.52
Standby	\$2.20	\$0.20							\$2.40	

* - Adjustable Elements

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Hourly Equipment Ownership and Operating Expense

T50 TRUCKS, HIGHWAY (Add attachments as required)

T50 0.01 0 THRU 10,000 GVW

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T50XX019	4X2 3/4 TON CREW DSL	TRUCK, HIGHWAY, CREW, 3/4 TON PICKUP, 4X2		D-On	440	HP	D-Off	73		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.21	\$0.19	\$4.40	\$9.21	\$1.08	\$0.16	\$0.03	\$4.44	\$14.91	\$19.31
Severe	\$5.18	\$0.20	\$5.38	\$13.16	\$1.54	\$0.43	\$0.07	\$5.86	\$21.06	\$26.44
Standby	\$2.11	\$0.19							\$2.30	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T50XX020	4X4 3/4 TON CREW DSL	TRUCK, HIGHWAY, CREW, 3/4 TON PICKUP 4X4		D-On	440	HP	D-Off	77		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.47	\$0.20	\$4.67	\$9.21	\$1.08	\$0.16	\$0.03	\$4.72	\$15.20	\$19.87
Severe	\$5.51	\$0.21	\$5.72	\$13.16	\$1.54	\$0.48	\$0.08	\$6.23	\$21.50	\$27.22
Standby	\$2.24	\$0.20							\$2.44	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T50 TRUCKS, HIGHWAY (Add attachments as required)

T50 0.01 0 THRU 10,000 GVW

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T50XX021	4X2 1 TON CREW DSL	TRUCK, HIGHWAY, CREW, 1 TON PICKUP, 4X2		D-On	440	HP	D-Off	74		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.43	\$0.21	\$4.64	\$9.21	\$1.08	\$0.29	\$0.05	\$4.69	\$15.32	\$19.96
Severe	\$5.46	\$0.21	\$5.67	\$13.16	\$1.54	\$0.80	\$0.14	\$6.19	\$21.83	\$27.50
Standby	\$2.22	\$0.21							\$2.43	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T50XX066	RAM 3500 UTILITY VAN	TOOL/CARGO VAN, RAM 3500		Gas	280	HP	D-Off	90		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.83	\$0.19	\$4.02	\$8.78	\$1.20	\$0.65	\$0.11	\$4.09	\$14.84	\$18.86
Severe	\$4.71	\$0.19	\$4.90	\$11.29	\$1.55	\$1.80	\$0.31	\$5.39	\$20.34	\$25.24
Standby	\$1.92	\$0.19							\$2.11	

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

T50 TRUCKS, HIGHWAY (Add attachments as required)

T50 0.02 OVER 10,000 THRU 30,000 GVW (Chassis)

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T50XX022	4X2 16KGVW DSL	TRUCK, HIGHWAY, 16,000 LBS GVW, 2 AXLE, 4X2 (CHASSIS ONLY-ADD OPTIONS)		D-On	270	HP	D-Off	88		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.44	\$0.21	\$3.65	\$13.72	\$1.74	\$1.00	\$0.17	\$3.43	\$20.05	\$23.70
Severe	\$4.29	\$0.21	\$4.50	\$17.76	\$2.25	\$2.82	\$0.49	\$4.61	\$27.93	\$32.43
Standby	\$1.72	\$0.21							\$1.93	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T50XX023	4X2 20KGVW DSL	TRUCK, HIGHWAY, 19,500 LBS GVW, 2 AXLE, 4X2 (CHASSIS ONLY-ADD OPTIONS)		D-On	215	HP	D-Off	70		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.40	\$0.20	\$3.60	\$10.93	\$1.38	\$0.44	\$0.08	\$3.35	\$16.18	\$19.78
Severe	\$4.25	\$0.20	\$4.45	\$14.14	\$1.79	\$1.26	\$0.22	\$4.51	\$21.91	\$26.36
Standby	\$1.70	\$0.20							\$1.90	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T50 TRUCKS, HIGHWAY (Add attachments as required)

T50 0.02 OVER 10,000 THRU 30,000 GVW (Chassis)

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T50XX024	4X2 26KGVW DSL	TRUCK, HIGHWAY, 26,000 LBS GVW, 2 AXLE, 4X2 (CHASSIS ONLY-ADD OPTIONS)		D-On	230	HP	D-Off	72		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.13	\$0.29	\$5.42	\$11.69	\$1.48	\$0.48	\$0.08	\$5.04	\$18.78	\$24.20
Severe	\$6.41	\$0.30	\$6.71	\$15.13	\$1.91	\$1.36	\$0.23	\$6.79	\$25.42	\$32.13
Standby	\$2.57	\$0.29							\$2.86	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T50XX026	4X2 32KGVW DSL	TRUCK, HIGHWAY, 32,000 LBS GVW, 2 AXLE, 4X2 (CHASSIS ONLY-ADD OPTIONS)		D-On	220	HP	D-Off	105		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.85	\$0.29	\$5.14	\$11.18	\$1.41	\$1.00	\$0.17	\$4.80	\$18.57	\$23.71
Severe	\$6.06	\$0.29	\$6.35	\$14.47	\$1.83	\$2.82	\$0.49	\$6.47	\$26.08	\$32.43
Standby	\$2.43	\$0.29							\$2.72	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T50 TRUCKS, HIGHWAY (Add attachments as required)

T50 0.02 OVER 10,000 THRU 30,000 GVW (Chassis)

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
T50XX032	4X2 28KGVW DSL	DUMP TRUCK, HIGHWAY, 32,000 LBS GVW, 2 AXLE, 4X2 WITH REAR 7 CY DUMP BODY		D-On	286	HP	D-Off		160	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.48	\$0.43	\$7.91	\$14.54	\$1.84	\$1.00	\$0.17	\$7.38	\$24.93	\$32.84
Severe	\$9.35	\$0.44	\$9.79	\$18.81	\$2.38	\$2.82	\$0.49	\$9.93	\$34.43	\$44.22
Standby	\$3.74	\$0.43							\$4.17	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
T50XX035	4X2 26KGVW DSL	TRUCK, HIGHWAY, 26,000 LBS GVW, 2 AXLE, 4X2, WITH KNAPHEIDE CRANE, 5 TON, 22' BOOM, WITH TOOL BOX REAR		D-On	300	HP	D-Off		170	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.44	\$0.54	\$9.98	\$15.25	\$1.93	\$1.00	\$0.17	\$9.29	\$27.65	\$37.63
Severe	\$11.80	\$0.55	\$12.35	\$19.73	\$2.50	\$2.82	\$0.49	\$12.51	\$38.05	\$50.40
Standby	\$4.72	\$0.54							\$5.26	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T50 TRUCKS, HIGHWAY (Add attachments as required)

T50 0.02 OVER 10,000 THRU 30,000 GVW (Chassis)

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T50XX063	F550 TOOL TRUCK	TRUCK, HIGHWAY, 16,000 LB GVW, 2 AXLE, 4X4 WITH LADDER RACK AND UTILITY TOOLBOXES		D-On	330	HP	D-Off	160		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.80	\$0.28	\$5.08	\$16.77	\$2.12	\$1.00	\$0.17	\$4.75	\$24.82	\$29.90
Severe	\$6.00	\$0.29	\$6.29	\$21.71	\$2.75	\$2.82	\$0.49	\$6.40	\$34.17	\$40.46
Standby	\$2.40	\$0.28							\$2.68	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T50XX065	RAM 5500	TRUCK, HIGHWAY, 19,500 GVW, 2 AXLE, 4X4 WITH DUMP WITH DUMP BED		D-On	400	HP	D-Off	195		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.17	\$0.36	\$6.53	\$20.33	\$2.57	\$1.00	\$0.17	\$6.10	\$30.18	\$36.71
Severe	\$7.72	\$0.37	\$8.09	\$26.31	\$3.33	\$2.82	\$0.49	\$8.21	\$41.16	\$49.25
Standby	\$3.09	\$0.36							\$3.45	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T50 TRUCKS, HIGHWAY (Add attachments as required)

T50 0.02 OVER 10,000 THRU 30,000 GVW (Chassis)

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T50XX067	337 WATER TRUCK	ON HIGHWAY WATER TRUCK, 2,000 GALLONS, 4X2		D-On	260	HP	D-Off	160		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.23	\$0.36	\$6.59	\$13.22	\$1.67	\$1.00	\$0.17	\$6.15	\$22.22	\$28.81
Severe	\$7.78	\$0.37	\$8.15	\$17.10	\$2.16	\$2.82	\$0.49	\$8.28	\$30.86	\$39.01
Standby	\$3.12	\$0.36							\$3.48	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T50XX068	348 WATER TRUCK	ON HIGHWAY WATER TRUCK, 4,000 GALLONS, 6X4		D-On	350	HP	D-Off	180		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.74	\$0.52	\$9.26	\$17.79	\$2.25	\$1.69	\$0.29	\$8.65	\$30.68	\$39.94
Severe	\$10.92	\$0.53	\$11.45	\$23.02	\$2.91	\$4.86	\$0.84	\$11.65	\$43.28	\$54.73
Standby	\$4.37	\$0.52							\$4.89	

* - Adjustable Elements

Region: 1
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Hourly Equipment Ownership and Operating Expense

T50 TRUCKS, HIGHWAY (Add attachments as required)

T50 0.03 OVER 30,000 GVW (Chassis only - Add opt

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T50XX027	4X2 37KGVW DSL	TRUCK, HIGHWAY, 37,000 LBS GVW, 2 AXLE, 4X2 (CHASSIS ONLY-ADD OPTIONS)		D-On	270	HP	D-Off	126		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.23	\$0.30	\$4.53	\$19.38	\$2.65	\$1.00	\$0.17	\$4.19	\$27.40	\$31.93
Severe	\$5.08	\$0.30	\$5.38	\$25.03	\$3.43	\$2.82	\$0.49	\$5.81	\$37.57	\$42.95
Standby	\$2.12	\$0.30							\$2.42	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T50XX028	6X4 45KGVW DSL	TRUCK, HIGHWAY, 45,000 LBS GVW, 3 AXLE, 6X4 (CHASSIS ONLY-ADD OPTIONS)		D-On	385	HP	D-Off	135		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.51	\$0.46	\$6.97	\$27.63	\$3.78	\$1.69	\$0.29	\$6.46	\$39.86	\$46.83
Severe	\$7.82	\$0.46	\$8.28	\$35.69	\$4.88	\$4.86	\$0.84	\$8.95	\$55.22	\$63.50
Standby	\$3.26	\$0.46							\$3.72	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T50 TRUCKS, HIGHWAY (Add attachments as required)

T50 0.03 OVER 30,000 GVW (Chassis only - Add opt

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T50XX029	6X4 52KGVW DSL	TRUCK, HIGHWAY, 52,000 LBS GVW, 3 AXLE, 6X4 (CHASSIS ONLY-ADD OPTIONS)		D-On	450	HP	D-Off	144		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.05	\$0.43	\$6.48	\$32.29	\$4.42	\$1.69	\$0.29	\$6.01	\$44.70	\$51.18
Severe	\$7.26	\$0.43	\$7.69	\$41.71	\$5.71	\$4.86	\$0.84	\$8.31	\$61.44	\$69.13
Standby	\$3.03	\$0.43							\$3.46	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T50XX030	6X6 70KGVW DSL	TRUCK, HIGHWAY, 70,000 LBS GVW, 3 AXLE, 6X6 (CHASSIS ONLY-ADD OPTIONS)		D-On	550	HP	D-Off	180		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.05	\$0.56	\$8.61	\$39.47	\$5.40	\$1.69	\$0.29	\$7.96	\$54.82	\$63.43
Severe	\$9.66	\$0.57	\$10.23	\$50.98	\$6.98	\$4.86	\$0.84	\$11.03	\$74.69	\$84.92
Standby	\$4.03	\$0.56							\$4.59	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T50 TRUCKS, HIGHWAY (Add attachments as required)

T50 0.03 OVER 30,000 GVW (Chassis only - Add opt

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T50XX031	6X4 75KGVW DSL	TRUCK, HIGHWAY, 75,000 LBS GVW, 3 AXLE, 6X4 (CHASSIS ONLY-ADD OPTIONS)		D-On	605	HP	D-Off	197		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.28	\$0.64	\$9.92	\$43.41	\$5.94	\$1.69	\$0.29	\$9.16	\$60.50	\$70.42
Severe	\$11.14	\$0.65	\$11.79	\$56.08	\$7.67	\$4.86	\$0.84	\$12.69	\$82.15	\$93.94
Standby	\$4.64	\$0.64							\$5.28	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T50XX033	6X4 58KGVW DSL	DUMP TRUCK, HIGHWAY, 58,000 LBS GVW, 6 AXLES (3 RETRACTABLE), WITH REAR 16 - 18 CY DUMP BODY		D-On	410	HP	D-Off	280		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.36	\$0.66	\$10.02	\$29.42	\$4.03	\$2.53	\$0.44	\$9.29	\$45.71	\$55.73
Severe	\$11.23	\$0.67	\$11.90	\$38.00	\$5.20	\$7.05	\$1.22	\$12.87	\$64.34	\$76.24
Standby	\$4.68	\$0.66							\$5.34	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T50 TRUCKS, HIGHWAY (Add attachments as required)

T50 0.03 OVER 30,000 GVW (Chassis only - Add opt

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T50XX034	8X4 75KGVW DSL	DUMP TRUCK, HIGHWAY, 75KGVW, 4 AXLES (1 RETRACTABLE), WITH REAR 16 CY - 18 CY DUMP BODY		D-On	460	HP	D-Off	280		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$11.03	\$0.76	\$11.79	\$33.01	\$4.52	\$2.08	\$0.36	\$10.90	\$50.86	\$62.65
Severe	\$13.24	\$0.77	\$14.01	\$42.64	\$5.84	\$5.86	\$1.01	\$15.09	\$70.44	\$84.45
Standby	\$5.52	\$0.76							\$6.28	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T50XX036	10X4 75KGVW DSL	DUMP TRUCK, HIGHWAY, 75KGVW, 5 AXLES (2 RETRACTABLE), WITH REAR 16 CY - 18 CY DUMP BODY		D-On	475	HP	D-Off	280		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$11.72	\$0.81	\$12.53	\$34.09	\$4.67	\$2.22	\$0.38	\$11.58	\$52.94	\$65.47
Severe	\$14.06	\$0.82	\$14.88	\$44.03	\$6.03	\$6.19	\$1.07	\$16.04	\$73.35	\$88.23
Standby	\$5.86	\$0.81							\$6.67	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T50 TRUCKS, HIGHWAY (Add attachments as required)

T50 0.03 OVER 30,000 GVW (Chassis only - Add opt

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T50XX037	12X4 80KGVW DSL	DUMP TRUCK, HIGHWAY, 80KGVW, 6 AXLES (3 RETRACTABLE), WITH REAR 18 CY - 20 CY DUMP BODY		D-On	495	HP	D-Off	280		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$13.92	\$0.96	\$14.88	\$35.52	\$4.86	\$2.48	\$0.43	\$13.75	\$57.04	\$71.92
Severe	\$16.71	\$0.97	\$17.68	\$45.88	\$6.28	\$6.87	\$1.18	\$19.04	\$79.25	\$96.93
Standby	\$6.96	\$0.96							\$7.92	

T55 TRUCKS, OFF-HIGHWAY

T55 0.10 RIGID FRAME

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T55CA002	773G	TRUCK, OFF-HIGHWAY, RIGID FRAME, 46.9 CY, 61 TON, 4X4, REAR DUMP		D-Off	717	HP	D-Off	1013		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$41.30	\$4.27	\$45.57	\$30.23	\$5.01	\$23.99	\$4.14	\$55.36	\$118.72	\$164.29
Severe	\$45.89	\$4.29	\$50.18	\$39.12	\$6.48	\$75.14	\$12.96	\$64.93	\$198.63	\$248.81
Standby	\$20.65	\$4.27							\$24.92	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T55 TRUCKS, OFF-HIGHWAY

T55 0.10 RIGID FRAME

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T55CA003	777G	TRUCK, OFF-HIGHWAY, RIGID FRAME, 78.6 CY, 100 TON, 4X4, REAR DUMP		D-Off	938	HP	D-Off	1419		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$54.45	\$5.67	\$60.12	\$39.55	\$6.55	\$34.26	\$5.91	\$73.06	\$159.33	\$219.45
Severe	\$60.50	\$5.70	\$66.20	\$51.18	\$8.48	\$107.31	\$18.51	\$85.68	\$271.16	\$337.36
Standby	\$27.23	\$5.67							\$32.90	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T55CA007	770G	TRUCK, OFF-HIGHWAY, RIGID FRAME, 31.7 CY, 42 TON, 4X4, REAR DUMP		D-Off	477	HP	D-Off	733		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$29.44	\$3.06	\$32.50	\$20.11	\$3.33	\$18.61	\$3.21	\$39.50	\$84.77	\$117.27
Severe	\$32.71	\$3.08	\$35.79	\$26.03	\$4.31	\$58.30	\$10.06	\$46.33	\$145.02	\$180.81
Standby	\$14.72	\$3.06							\$17.78	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T55 TRUCKS, OFF-HIGHWAY

T55 0.10 RIGID FRAME

KOMATSU AMERICA INTERNATIONAL COMPANY

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T55KM009	HD325-7	TRUCK, OFF-HIGHWAY, RIGID FRAME, 31.4 CY, 44 TON, 4X4, REAR DUMP		D-Off	518	HP	D-Off	1547		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$32.32	\$3.34	\$35.66	\$21.84	\$3.62	\$19.44	\$3.35	\$43.31	\$91.57	\$127.23
Severe	\$35.91	\$3.36	\$39.27	\$28.26	\$4.68	\$62.96	\$10.86	\$50.80	\$157.56	\$196.83
Standby	\$16.16	\$3.34							\$19.50	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T55KM012	HD785-7	TRUCK, OFF-HIGHWAY, RIGID FRAME, 78.5 CY, 100 TON, 4X4, REAR DUMP		D-Off	1200	HP	D-Off	3660		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$56.74	\$5.89	\$62.63	\$50.59	\$8.38	\$35.79	\$6.17	\$76.09	\$177.02	\$239.65
Severe	\$63.05	\$5.92	\$68.97	\$65.47	\$10.84	\$115.89	\$19.99	\$89.24	\$301.44	\$370.41
Standby	\$28.37	\$5.89							\$34.26	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T55 TRUCKS, OFF-HIGHWAY

T55 0.10 RIGID FRAME

KOMATSU AMERICA INTERNATIONAL COMPANY

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T55KM014	730E	TRUCK, OFF-HIGHWAY, RIGID FRAME, 145 CY, 205 TON, 4X4, REAR DUMP		D-Off	2000	HP	D-Off	7150		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$93.21	\$10.11	\$103.32	\$84.32	\$13.96	\$94.75	\$16.34	\$125.89	\$335.27	\$438.59
Severe	\$103.56	\$10.16	\$113.72	\$109.12	\$18.07	\$306.81	\$52.92	\$147.65	\$634.58	\$748.30
Standby	\$46.61	\$10.11							\$56.72	

T55 0.20 ARTICULATED FRAME

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T55CA001	725C2	TRUCK, OFF-HIGHWAY, ARTICULATED FRAME, 19.6 CY, 26.5 TON, 6X6, REAR DUMP		D-Off	320	HP	D-Off	512		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$27.27	\$1.83	\$29.10	\$19.05	\$1.75	\$6.98	\$1.20	\$32.35	\$61.33	\$90.43
Severe	\$28.94	\$1.84	\$30.78	\$23.01	\$2.12	\$22.60	\$3.90	\$36.47	\$88.10	\$118.88
Standby	\$13.64	\$1.83							\$15.47	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T55 TRUCKS, OFF-HIGHWAY

T55 0.20 ARTICULATED FRAME

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T55CA004	730C2	TRUCK, OFF-HIGHWAY, ARTICULATED FRAME, 23 CY, 31 TON, 6X6, REAR DUMP		D-Off	375	HP	D-Off	531		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$31.32	\$2.09	\$33.41	\$22.32	\$2.05	\$6.98	\$1.20	\$37.11	\$69.67	\$103.08
Severe	\$33.24	\$2.10	\$35.34	\$26.97	\$2.48	\$22.60	\$3.90	\$41.85	\$97.80	\$133.14
Standby	\$15.66	\$2.09							\$17.75	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T55CA005	735C	TRUCK, OFF-HIGHWAY, ARTICULATED FRAME, 26.8 CY, 36 TON, 6X6, REAR DUMP		D-Off	452	HP	D-Off	693		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$42.70	\$2.87	\$45.57	\$26.90	\$2.47	\$12.00	\$2.07	\$50.68	\$94.12	\$139.69
Severe	\$45.32	\$2.89	\$48.21	\$32.51	\$2.99	\$38.84	\$6.70	\$57.15	\$138.19	\$186.40
Standby	\$21.35	\$2.87							\$24.22	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T55 TRUCKS, OFF-HIGHWAY

T55 0.20 ARTICULATED FRAME

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T55CA006	740GC	TRUCK, OFF-HIGHWAY, ARTICULATED FRAME, 31.4 CY, 43.5 TON, 6X6, REAR DUMP		D-Off	484	HP	D-Off	753		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$45.68	\$3.13	\$48.81	\$28.81	\$2.65	\$17.44	\$3.01	\$54.36	\$106.27	\$155.08
Severe	\$48.47	\$3.14	\$51.61	\$34.81	\$3.20	\$56.47	\$9.74	\$61.30	\$165.52	\$217.13
Standby	\$22.84	\$3.13							\$25.97	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T55CA008	745C	TRUCK, OFF-HIGHWAY, ARTICULATED FRAME, 32.7 CY, 45.2 TON, 6X6, REAR DUMP		D-Off	511	HP	D-Off	737		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$45.05	\$3.09	\$48.14	\$30.41	\$2.80	\$17.44	\$3.01	\$53.63	\$107.28	\$155.42
Severe	\$47.81	\$3.10	\$50.91	\$36.75	\$3.38	\$56.47	\$9.74	\$60.47	\$166.81	\$217.72
Standby	\$22.53	\$3.09							\$25.62	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T55 TRUCKS, OFF-HIGHWAY

T55 0.20 ARTICULATED FRAME

JOHN DEERE

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
T55JD001	250D-II	TRUCK, OFF-HIGHWAY, ARTICULATED FRAME, 18 CY, 25 TON, 6X6, REAR DUMP			D-Off	265	HP	D-Off	355	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$27.18	\$1.82	\$29.00	\$15.77	\$1.45	\$6.68	\$1.15	\$32.24	\$57.30	\$86.30
Severe	\$28.85	\$1.83	\$30.68	\$19.06	\$1.75	\$20.93	\$3.61	\$36.35	\$81.71	\$112.39
Standby	\$13.59	\$1.82							\$15.41	

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
T55JD002	300D-II	TRUCK, OFF-HIGHWAY, ARTICULATED FRAME, 22 CY, 29 TON, 6X6, REAR DUMP			D-Off	285	HP	D-Off	401	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$30.75	\$2.05	\$32.80	\$16.96	\$1.56	\$6.68	\$1.15	\$36.44	\$62.79	\$95.59
Severe	\$32.63	\$2.06	\$34.69	\$20.50	\$1.89	\$20.93	\$3.61	\$41.09	\$88.01	\$122.70
Standby	\$15.38	\$2.05							\$17.43	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T55 TRUCKS, OFF-HIGHWAY

T55 0.20 ARTICULATED FRAME

JOHN DEERE

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
T55JD003	370E	TRUCK, OFF-HIGHWAY, ARTICULATED FRAME, 26.8 CY, 37 TON, 6X6, REAR DUMP			D-Off	380	HP	D-Off	571	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$38.27	\$2.59	\$40.86	\$22.62	\$2.08	\$11.48	\$1.98	\$45.47	\$83.63	\$124.49
Severe	\$40.62	\$2.60	\$43.22	\$27.33	\$2.51	\$35.96	\$6.20	\$51.27	\$123.28	\$166.50
Standby	\$19.14	\$2.59							\$21.73	

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
T55JD004	410E	TRUCK, OFF-HIGHWAY, ARTICULATED FRAME, 29.7 CY, 41 TON, 6X6, REAR DUMP			D-Off	413	HP	D-Off	635	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$41.58	\$2.87	\$44.45	\$24.58	\$2.26	\$16.69	\$2.88	\$49.54	\$95.96	\$140.41
Severe	\$44.13	\$2.88	\$47.01	\$29.70	\$2.73	\$52.29	\$9.02	\$55.86	\$149.60	\$196.61
Standby	\$20.79	\$2.87							\$23.66	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T55 TRUCKS, OFF-HIGHWAY

T55 0.20 ARTICULATED FRAME

KOMATSU AMERICA INTERNATIONAL COMPANY

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
T55KM015	HM300-5	TRUCK, OFF-HIGHWAY, ARTICULATED FRAME, 22.4 CY, 31 TON, 6 X 6, REAR DUMP		D-Off	332	HP	D-Off		1179	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$46.05	\$3.03	\$49.08	\$19.76	\$1.82	\$6.68	\$1.15	\$54.47	\$83.88	\$132.96
Severe	\$48.87	\$3.04	\$51.91	\$23.88	\$2.20	\$20.93	\$3.61	\$61.42	\$112.03	\$163.94
Standby	\$23.03	\$3.03							\$26.06	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
T55KM016	HM400-5	TRUCK, OFF-HIGHWAY, ARTICULATED FRAME, 31.4 CY, 44.1 TON, 6 X 6, REAR DUMP		D-Off	473	HP	D-Off		1626	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$39.90	\$2.76	\$42.66	\$28.15	\$2.59	\$16.69	\$2.88	\$47.56	\$97.87	\$140.53
Severe	\$42.35	\$2.77	\$45.12	\$34.02	\$3.13	\$52.29	\$9.02	\$53.63	\$152.08	\$197.20
Standby	\$19.95	\$2.76							\$22.71	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T55 TRUCKS, OFF-HIGHWAY

T55 0.20 ARTICULATED FRAME

VOLVO CONSTRUCTION EQUIPMENT GROUP

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
T55VO003	A45G	TRUCK, OFF-HIGHWAY, ARTICULATED FRAME, 34.3 CY, 45 TON, 6X6, REAR DUMP			D-Off	469	HP	D-Off	664	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$34.69	\$2.50	\$37.19	\$27.91	\$2.57	\$22.85	\$3.94	\$41.63	\$98.90	\$136.09
Severe	\$36.82	\$2.51	\$39.33	\$33.73	\$3.10	\$71.57	\$12.35	\$46.95	\$167.69	\$207.02
Standby	\$17.35	\$2.50							\$19.85	

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
T55VO004	A35G	TRUCK, OFF-HIGHWAY, ARTICULATED FRAME, 28.9 CY, 35 TON, 6X6, REAR DUMP			D-Off	441	HP	D-Off	638	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$33.36	\$2.28	\$35.64	\$26.25	\$2.42	\$11.48	\$1.98	\$39.68	\$81.81	\$117.45
Severe	\$35.41	\$2.29	\$37.70	\$31.72	\$2.92	\$35.96	\$6.20	\$44.75	\$121.55	\$159.25
Standby	\$16.68	\$2.28							\$18.96	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T55 TRUCKS, OFF-HIGHWAY

T55 0.20 ARTICULATED FRAME

VOLVO CONSTRUCTION EQUIPMENT GROUP

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
T55VO005	A30G	TRUCK, OFF-HIGHWAY, ARTICULATED FRAME, 24.1 CY, 30 TON, 6X6, REAR DUMP			D-Off	336	HP	D-Off	514	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$23.90	\$1.73	\$25.63	\$20.00	\$1.84	\$16.02	\$2.76	\$28.69	\$69.31	\$94.94
Severe	\$25.36	\$1.73	\$27.09	\$24.17	\$2.22	\$50.18	\$8.66	\$32.35	\$117.57	\$144.66
Standby	\$11.95	\$1.73							\$13.68	

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
T55VO006	A40G	TRUCK, OFF-HIGHWAY, ARTICULATED FRAME, 32.3 CY, 40 TON, 6X6, REAR DUMP			D-Off	469	HP	D-Off	659	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$32.97	\$2.39	\$35.36	\$27.91	\$2.57	\$22.85	\$3.94	\$39.60	\$96.87	\$132.23
Severe	\$34.99	\$2.40	\$37.39	\$33.73	\$3.10	\$71.57	\$12.35	\$44.65	\$165.40	\$202.79
Standby	\$16.49	\$2.39							\$18.88	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T57 TRUCKS, VACUUM

T57 0.00 TRUCKS, VACUUM

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T57XX090	HURRICAN E 500	2350 CFM TRAILER MOUNTED VACUUM, CONTAINS ALL STANDARD AND WASTE FEATURES REQUIRED FOR ASBESTOS		D-Off	173	HP	D-Off	204		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$11.11	\$0.62	\$11.73	\$13.30	\$1.82	\$0.11	\$0.02	\$13.72	\$28.97	\$40.70
Standby	\$5.56	\$0.62							\$6.18	

WASTEQUIP CUSCO INDUSTRIES

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T57CU003	TVAC3600T PMBUS	TRUCK, VACUUM, 3,600 GAL, 2,600 CFM, REAR DOOR & HYDRAULIC DUMP SYSTEM, INCLUDES TRUCK CHASSIS		D-On	300	HP	D-Off	230		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$34.20	\$1.90	\$36.10	\$27.81	\$4.06	\$0.35	\$0.06	\$42.23	\$74.50	\$110.60
Standby	\$17.10	\$1.90							\$19.00	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T57 TRUCKS, VACUUM

T57 0.00 TRUCKS, VACUUM

WASTEQUIP CUSCO INDUSTRIES

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T57CU004	TV3600721T	TRUCK, VACUUM, 3,600 GAL, 3,000 CFM, REAR DOOR & HYDRAULIC DUMP SYSTEM, INCLUDES TRUCK CHASSIS		D-On	300	HP	D-Off	200		
	PMU									
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$30.98	\$1.72	\$32.70	\$27.81	\$4.06	\$0.35	\$0.06	\$38.26	\$70.54	\$103.24
Standby	\$15.49	\$1.72							\$17.21	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T57CU005	TV3200721T	TRUCK, VACUUM, 3,200 GAL, 3,000 CFM, REAR DOOR & HYDRAULIC DUMP SYSTEM, INCLUDES TRUCK CHASSIS		D-Off	300	HP	D-Off	190		
	PMU									
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$29.78	\$1.65	\$31.43	\$23.06	\$3.41	\$0.35	\$0.06	\$36.78	\$63.65	\$95.08
Standby	\$14.89	\$1.65							\$16.54	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T60 TRUCKS, WATER, OFF-HIGHWAY

T60 0.00 TRUCKS, WATER, OFF-HIGHWAY

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T60CA001	725C2 & 6K TANK	TRUCK, WATER, OFF-HIGHWAY, 6K GAL, W/CAT 725C2 TRUCK		D-Off	320	HP	D-Off	512		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$33.61	\$2.29	\$35.90	\$24.60	\$3.85	\$6.63	\$1.14	\$37.11	\$73.33	\$109.23
Severe	\$40.33	\$2.32	\$42.65	\$32.54	\$5.09	\$22.11	\$3.81	\$50.89	\$114.44	\$157.09
Standby	\$16.81	\$2.29							\$19.10	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T60CA002	740B & 8K TANK	TRUCK, WATER, OFF-HIGHWAY, 8K GAL, W/CAT 740B TRUCK		D-Off	489	HP	D-Off	758		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$52.18	\$3.64	\$55.82	\$37.59	\$5.88	\$16.57	\$2.86	\$57.89	\$120.79	\$176.61
Severe	\$62.61	\$3.69	\$66.30	\$49.72	\$7.78	\$55.24	\$9.53	\$79.39	\$201.66	\$267.96
Standby	\$26.09	\$3.64							\$29.73	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T60 TRUCKS, WATER, OFF-HIGHWAY

T60 0.00 TRUCKS, WATER, OFF-HIGHWAY

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T60CA003	745C & 9K TANK	TRUCK, WATER, OFF-HIGHWAY, 9K GAL, W/ CAT 745C ARTICULATED TRUCK		D-Off	511	HP	D-Off	736		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$46.72	\$3.28	\$50.00	\$39.29	\$6.14	\$17.97	\$3.10	\$51.91	\$118.42	\$168.42
Severe	\$56.06	\$3.33	\$59.39	\$51.96	\$8.13	\$62.41	\$10.77	\$71.20	\$204.46	\$263.85
Standby	\$23.36	\$3.28							\$26.64	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T60CA004	770G & 10K TANK	TRUCK, WATER, OFF-HIGHWAY, 10K GAL, W/CAT 770G TRUCK		D-Off	511	HP	D-Off	722		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$53.50	\$3.77	\$57.27	\$39.29	\$6.14	\$18.48	\$3.19	\$59.48	\$126.58	\$183.85
Severe	\$64.20	\$3.82	\$68.02	\$51.96	\$8.13	\$61.59	\$10.62	\$81.57	\$213.87	\$281.89
Standby	\$26.75	\$3.77							\$30.52	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T60 TRUCKS, WATER, OFF-HIGHWAY

T60 0.00 TRUCKS, WATER, OFF-HIGHWAY

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T60CA005	773G & 12K TANK	TRUCK, WATER, OFF-HIGHWAY, 12K GAL, W/CAT 773G TRUCK		D-Off	775	HP	D-Off	1005		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$69.68	\$4.90	\$74.58	\$59.58	\$9.32	\$23.82	\$4.11	\$77.46	\$174.29	\$248.87
Severe	\$83.62	\$4.97	\$88.59	\$78.80	\$12.32	\$79.39	\$13.69	\$106.23	\$290.44	\$379.03
Standby	\$34.84	\$4.90							\$39.74	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
T60CA006	775G & 14K TANK	TRUCK, WATER, OFF-HIGHWAY, 14K GAL, W/CAT 775G TRUCK		D-Off	825	HP	D-Off	1040		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$73.47	\$5.15	\$78.62	\$63.43	\$9.92	\$23.82	\$4.11	\$81.61	\$182.89	\$261.51
Severe	\$88.17	\$5.22	\$93.39	\$83.89	\$13.12	\$79.39	\$13.69	\$111.92	\$302.02	\$395.41
Standby	\$36.74	\$5.15							\$41.89	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T60 TRUCKS, WATER, OFF-HIGHWAY

T60 0.00 TRUCKS, WATER, OFF-HIGHWAY

KLEIN PRODUCTS, INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
T60KI001	KT-50D	TRUCK, WATER, OFF-HIGHWAY, 5,000 GAL, W/CAT 621K TRACTOR		D-Off	407	HP	D-Off		789	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$56.39	\$3.90	\$60.29	\$31.29	\$4.89	\$13.95	\$2.41	\$62.44	\$114.99	\$175.28
Severe	\$67.67	\$3.95	\$71.62	\$41.38	\$6.47	\$45.78	\$7.90	\$85.63	\$187.16	\$258.78
Standby	\$28.20	\$3.90							\$32.10	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
T60KI002	KT-60	TRUCK, WATER, OFF-HIGHWAY, 6,000 GAL, W/CAT 621K TRACTOR		D-Off	407	HP	D-Off		789	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$56.72	\$3.92	\$60.64	\$31.29	\$4.89	\$13.95	\$2.41	\$62.80	\$115.35	\$175.99
Severe	\$68.06	\$3.97	\$72.03	\$41.38	\$6.47	\$45.78	\$7.90	\$86.12	\$187.65	\$259.68
Standby	\$28.36	\$3.92							\$32.28	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T60 TRUCKS, WATER, OFF-HIGHWAY

T60 0.00 TRUCKS, WATER, OFF-HIGHWAY

KLEIN PRODUCTS, INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
T60KI003	KT-80	TRUCK, WATER, OFF-HIGHWAY, 8,000 GAL, W/CAT 621K TRACTOR		D-Off	407	HP	D-Off		789	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$57.04	\$3.94	\$60.98	\$31.29	\$4.89	\$13.95	\$2.41	\$63.16	\$115.70	\$176.68
Severe	\$68.45	\$3.99	\$72.44	\$41.38	\$6.47	\$45.78	\$7.90	\$86.62	\$188.15	\$260.59
Standby	\$28.52	\$3.94							\$32.46	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
T60KI004	KT-100	TRUCK, WATER, OFF-HIGHWAY, 10,000 GAL, W/CAT 631K TRACTOR		D-Off	570	HP	D-Off		1028	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$78.30	\$5.42	\$83.72	\$43.82	\$6.85	\$20.00	\$3.45	\$86.74	\$160.87	\$244.59
Severe	\$93.96	\$5.49	\$99.45	\$57.96	\$9.06	\$65.62	\$11.32	\$118.96	\$262.93	\$362.38
Standby	\$39.15	\$5.42							\$44.57	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T60 TRUCKS, WATER, OFF-HIGHWAY

T600.00TRUCKS, WATER, OFF-HIGHWAY

KLEIN PRODUCTS, INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
T60KI006	KT-140	TRUCK, WATER, OFF-HIGHWAY, 14,000 GAL, W/CAT 657G TRACTOR		D-Off	564	HP	D-Off		1508	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$118.10	\$8.06	\$126.16	\$43.36	\$6.78	\$22.72	\$3.92	\$130.45	\$207.24	\$333.40
Severe	\$141.72	\$8.17	\$149.89	\$57.35	\$8.97	\$74.54	\$12.86	\$178.91	\$332.63	\$482.52
Standby	\$59.05	\$8.06							\$67.11	

T65 TUNNEL/MINING EQUIPMENT

T650.10DRIFTING & TUNNELING DRILLS

ATLAS COPCO WAGNER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
T65WG015	E2C	TUNNELING DRILL, 2 BOOM, 1,205 SF CROSS SECTION, RUBBER TIRED (ADD DRILL BITS AND DRILL STEEL COST)		Elec	212	HP	D-Off	161	HP	816
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$77.42	\$5.33	\$82.75	\$26.82	\$15.21	\$1.10	\$0.19	\$95.63	\$138.95	\$221.70
Standby	\$38.71	\$5.33							\$44.04	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T65 TUNNEL/MINING EQUIPMENT

T65 0.10 DRIFTING & TUNNELING DRILLS

ATLAS COPCO WAGNER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier			CWT
T65WG016	WE3 C	TUNNELING DRILL, 4 BOOM, 700-2,015 SF CROSS SECTION, RUBBER TIRED (ADD DRILL BITS AND DRILL STEEL COST)		Elec	313	HP	D-Off	241	HP	981
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$105.86	\$7.28	\$113.14	\$39.65	\$22.47	\$1.10	\$0.19	\$130.75	\$194.16	\$307.30
Standby	\$52.93	\$7.28							\$60.21	
			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier			CWT
T65WG017	XE3C	TUNNELING DRILL, 4 BOOM, 2,130 SF CROSS SECTION, RUBBER TIRED (ADD DRILL BITS AND DRILL STEEL COST)		Elec	313	HP	D-Off	241	HP	981
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$106.16	\$7.30	\$113.46	\$39.65	\$22.47	\$1.10	\$0.19	\$131.12	\$194.53	\$307.99
Standby	\$53.08	\$7.30							\$60.38	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

W25 WATER & CO2 BLASTERS

W25 0.10 LOW PRESSURE, (< 5,000 PSI)

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
W25XX005	1500 PSI, 1.6 GPM	PRESSURE WASHER, LOW PRESSURE, COLD WATER, 1,500 PSI, 1.6 GPM		Elec	2	HP	D-Off	1		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.16	\$0.00	\$0.16	\$0.27	\$0.13	\$0.00	\$0.00	\$0.28	\$0.68	\$0.84
Standby	\$0.08	\$0.00							\$0.08	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
W25XX006	1500 PSI, 3 GPM	PRESSURE WASHER, LOW PRESSURE, COLD WATER, 1,500 PSI, 3 GPM		Elec	3.7	HP	D-Off	2		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.31	\$0.01	\$0.32	\$0.51	\$0.25	\$0.00	\$0.00	\$0.53	\$1.29	\$1.61
Standby	\$0.16	\$0.01							\$0.17	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
W25XX007	2000 PSI, 1.9 GPM	PRESSURE WASHER, LOW PRESSURE, COLD WATER, 2,000 PSI, 1.9 GPM		Elec	3.2	HP	D-Off	1		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.31	\$0.01	\$0.32	\$0.44	\$0.21	\$0.00	\$0.00	\$0.53	\$1.19	\$1.51
Standby	\$0.16	\$0.01							\$0.17	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

W25 WATER & CO2 BLASTERS

W25 0.10 LOW PRESSURE, (< 5,000 PSI)

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
W25XX008	3000 PSI, 3 GPM	PRESSURE WASHER, LOW PRESSURE, COLD WATER, 3,000 PSI, 3 GPM		Elec	8	HP	D-Off	2		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.42	\$0.01	\$0.43	\$1.09	\$0.53	\$0.00	\$0.00	\$0.72	\$2.34	\$2.77
Standby	\$0.21	\$0.01							\$0.22	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
W25XX009	1000 PSI, 3 GPM	PRESSURE WASHER, LOW PRESSURE, HOT WATER/STEAM, 1,000 PSI, 3 GPM, 120V, 1P (ELECTRIC FIRED)		Elec	3.2	HP	D-Off	4		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.81	\$0.02	\$0.83	\$0.44	\$0.21	\$0.00	\$0.00	\$1.38	\$2.03	\$2.86
Standby	\$0.41	\$0.02							\$0.43	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

W25 WATER & CO2 BLASTERS

W25 0.10 LOW PRESSURE, (< 5,000 PSI)

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
W25XX010	3000 PSI, 4 GPM	PRESSURE WASHER, LOW PRESSURE, HOT WATER/STEAM, 3,000 PSI, 4 GPM, 440V, 3P (ELECTRIC FIRED)		Elec	24	HP	D-Off	8		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.17	\$0.03	\$1.20	\$3.28	\$1.60	\$0.00	\$0.00	\$1.99	\$6.87	\$8.07
Standby	\$0.59	\$0.03							\$0.62	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
W25XX011	1700 PSI (120V)	PRESSURE WASHER, LOW PRESSURE, COLD WATER, 1700 PSI, 1.5 GPM, CART MTD		Elec	1.5	HP	D-Off	1		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.12	\$0.00	\$0.12	\$0.21	\$0.10	\$0.00	\$0.00	\$0.20	\$0.51	\$0.63
Standby	\$0.06	\$0.00							\$0.06	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
W25XX012	2200 PSI (120V)	PRESSURE WASHER, LOW PRESSURE, COLD WATER, 2200 PSI, 1.3 GPM, CART MTD		Elec	1.5	HP	D-Off	1		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.08	\$0.00	\$0.08	\$0.21	\$0.10	\$0.00	\$0.00	\$0.13	\$0.44	\$0.52
Standby	\$0.04	\$0.00							\$0.04	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

W25 WATER & CO2 BLASTERS

W25 0.10 LOW PRESSURE, (< 5,000 PSI)

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
W25XX013	3000 PSI (GAS)	PRESSURE WASHER, LOW PRESSURE, COLD WATER, 3000 PSI, 2.5 GPM, CART MTD		Gas	5.5	HP	D-Off	2		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.18	\$0.00	\$0.18	\$1.06	\$0.12	\$0.00	\$0.00	\$0.30	\$1.49	\$1.67
Standby	\$0.09	\$0.00							\$0.09	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
W25XX014	3100 PSI (GAS)	PRESSURE WASHER, LOW PRESSURE, COLD WATER, 3100 PSI, 2.5 GPM, CART MTD		Gas	6.5	HP	D-Off	1		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.08	\$0.00	\$0.08	\$1.25	\$0.15	\$0.00	\$0.00	\$0.13	\$1.52	\$1.60
Standby	\$0.04	\$0.00							\$0.04	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
W25XX015	4000 PSI (GAS)	PRESSURE WASHER, LOW PRESSURE, COLD WATER, 4000 PSI, 3.5 GPM, CART MTD		Gas	12	HP	D-Off	2		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.30	\$0.01	\$0.31	\$2.31	\$0.27	\$0.00	\$0.00	\$0.50	\$3.09	\$3.40
Standby	\$0.15	\$0.01							\$0.16	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

W25 WATER & CO2 BLASTERS

W25 0.10 LOW PRESSURE, (< 5,000 PSI)

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
W25XX016	4000 PSI (GAS)	PRESSURE WASHER, LOW PRESSURE, COLD WATER, 4000 PSI, 4.5 GPM, CART MTD		Gas	16	HP	D-Off	4		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.54	\$0.01	\$0.55	\$3.08	\$0.36	\$0.00	\$0.00	\$0.91	\$4.35	\$4.90
Standby	\$0.27	\$0.01							\$0.28	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
W25XX018	1700 PSI (115V)	PRESSURE WASHER, LOW PRESSURE, HOT WATER, 1700 PSI, 1.5 GPM, CART MTD		Elec	1.5	HP	D-Off	4		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.42	\$0.01	\$0.43	\$0.21	\$0.10	\$0.00	\$0.00	\$0.71	\$1.02	\$1.45
Standby	\$0.21	\$0.01							\$0.22	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
W25XX019	2000 PSI (120V)	PRESSURE WASHER, LOW PRESSURE, HOT WATER, 2000 PSI, 1.5 GPM, CART MTD		Elec	2	HP	D-Off	4		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.47	\$0.01	\$0.48	\$0.27	\$0.13	\$0.00	\$0.00	\$0.79	\$1.19	\$1.67
Standby	\$0.24	\$0.01							\$0.25	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

W25 WATER & CO2 BLASTERS

W25 0.10 LOW PRESSURE, (< 5,000 PSI)

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
W25XX021	2750 PSI (230V)	PRESSURE WASHER, LOW PRESSURE, HOT WATER, 2750 PSI, 2.5 GPM, CART MTD		Elec	5	HP	D-Off	4		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.54	\$0.01	\$0.55	\$0.68	\$0.33	\$0.00	\$0.00	\$0.91	\$1.92	\$2.47
Standby	\$0.27	\$0.01							\$0.28	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
W25XX022	2700 PSI (GAS)	PRESSURE WASHER, LOW PRESSURE, HOT WATER, 2700 PSI, 2.5 GPM, CART MTD		Gas	6.5	HP	D-Off	4		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.52	\$0.01	\$0.53	\$1.25	\$0.15	\$0.00	\$0.00	\$0.88	\$2.27	\$2.80
Standby	\$0.26	\$0.01							\$0.27	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
W25XX023	3000 PSI (GAS)	PRESSURE WASHER, LOW PRESSURE, HOT WATER, 3000 PSI, 4 GPM, CART MTD		Gas	12	HP	D-Off	6		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.82	\$0.02	\$0.84	\$2.31	\$0.27	\$0.00	\$0.00	\$1.40	\$3.98	\$4.82
Standby	\$0.41	\$0.02							\$0.43	

* - Adjustable Elements

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Hourly Equipment Ownership and Operating Expense

W25 WATER & CO2 BLASTERS

W25 0.20 HIGH PRESSURE, (>= 5,000 PSI)

NLB CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
W25NL001	6205E	WATER BLASTER, HIGH PRESSURE, 6,000 PSI, 55 GPM, SKID MTD, W/MODEL 225 PUMP		Elec	200	HP	D-Off	76		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$20.47	\$0.51	\$20.98	\$27.36	\$13.34	\$0.00	\$0.00	\$37.88	\$78.59	\$99.57
Standby	\$10.24	\$0.51							\$10.75	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
W25NL002	20355D	WATER BLASTER, HIGH PRESSURE, 20,000 PSI, 26 GPM, SKID MTD W/MODEL 225 PUMP		D-Off	400	HP	D-Off	140		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$26.40	\$0.65	\$27.05	\$44.64	\$6.11	\$0.00	\$0.00	\$48.86	\$99.61	\$126.66
Standby	\$13.20	\$0.65							\$13.85	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
W25NL003	20145D	WATER BLASTER, HIGH PRESSURE, 20,000 PSI, 10 GPM, SKID MTD, W/MODEL 125 PUMP		D-Off	152	HP	D-Off	78		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$15.38	\$0.38	\$15.76	\$16.96	\$2.32	\$0.00	\$0.00	\$28.47	\$47.75	\$63.51
Standby	\$7.69	\$0.38							\$8.07	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

W25 WATER & CO2 BLASTERS

W25 0.20 HIGH PRESSURE, (>= 5,000 PSI)

NLB CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
W25NL005	20755D	WATER BLASTER, HIGH PRESSURE, 20,000 PSI, 56 GPM, SKID MTD		D-Off	750	HP	D-Off	200		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$72.49	\$1.80	\$74.29	\$83.70	\$11.45	\$0.00	\$0.00	\$134.17	\$229.32	\$303.61
Standby	\$36.25	\$1.80							\$38.05	

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
W25XX017	5000 PSI (GAS)	PRESSURE WASHER, HIGH PRESSURE, COLD WATER, 5000 PSI, 5.0 GPM, CART MTD		Gas	25	HP	D-Off	4		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.73	\$0.02	\$0.75	\$4.82	\$0.57	\$0.00	\$0.00	\$1.35	\$6.74	\$7.49
Standby	\$0.37	\$0.02							\$0.39	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

W25 WATER & CO2 BLASTERS

W25 0.30 STEAM CLEANERS

ALKOTA CLEANING SYSTEMS, INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
W25AO002	122	WATER BLASTER, OIL FIRED, STEAM CLEANER, 400 PSI, 1.7 GPM, REQ 115V POWER (ADD COST FOR HEATING OIL)		Elec	1	HP	D-Off		4	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.00	\$0.02	\$1.02	\$0.14	\$0.82	\$0.00	\$0.00	\$1.69	\$2.65	\$3.67
Standby	\$0.50	\$0.02							\$0.52	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
W25AO003	181	WATER BLASTER, LP FIRED, STEAM CLEANER, 250 PSI, 3.0 GPM, REQ 115V POWER (ADD COST FOR HEATING LP)		Elec	2.3	HP	D-Off		6	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.90	\$0.05	\$1.95	\$0.31	\$0.90	\$0.00	\$0.00	\$3.23	\$4.44	\$6.39
Standby	\$0.95	\$0.05							\$1.00	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

W25 WATER & CO2 BLASTERS

W25 0.30 STEAM CLEANERS

ALKOTA CLEANING SYSTEMS, INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
W25AO004	240	WATER BLASTER, OIL FIRED, STEAM CLEANER, 350 PSI, 4.0 GPM, REQ 115V POWER (ADD COST FOR HEATING OIL)		Elec	2.3	HP	D-Off	7		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.52	\$0.04	\$1.56	\$0.31	\$1.15	\$0.00	\$0.00	\$2.57	\$4.04	\$5.60
Standby	\$0.76	\$0.04							\$0.80	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
W25AO005	301	WATER BLASTER, LP FIRED, STEAM CLEANER, 400 PSI, 5.0 GPM, REQ 230V POWER (ADD COST FOR HEATING LP)		Elec	4	HP	D-Off	14		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.20	\$0.08	\$3.28	\$0.55	\$1.77	\$0.00	\$0.00	\$5.43	\$7.75	\$11.03
Standby	\$1.60	\$0.08							\$1.68	

* - Adjustable Elements

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W25 WATER & CO2 BLASTERS

W25 0.30 STEAM CLEANERS

ALKOTA CLEANING SYSTEMS, INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
W25AO006	241	WATER BLASTER, LP FIRED, STEAM GENERATOR, 100 PSI, 1.0 GPM, REQ 115V POWER (ADD COST FOR HEATING LP)		Elec	2.3	HP	D-Off	8		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.26	\$0.06	\$2.32	\$0.31	\$0.90	\$0.00	\$0.00	\$3.84	\$5.05	\$7.37
Standby	\$1.13	\$0.06							\$1.19	

W25 0.40 CO2 BLASTERS

COLD JET

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
W25CJ001	XCEL6	CARBON DIOXIDE (CO2) BLASTER, 88 LBS/HR, SINGLE HOSE DELIVERY, 145 PSI MAX BLASTING PRESSURE (ADD 150 CFM COMPRESSOR)		Elec	1	HP	D-Off	1		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.99	\$0.07	\$2.06	\$0.10	\$0.06	\$0.00	\$0.00	\$3.07	\$3.23	\$5.29
Standby	\$1.00	\$0.07							\$1.07	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

W25 WATER & CO2 BLASTERS

W25 0.40 CO2 BLASTERS

COLD JET

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
W25CJ002	AERO 80FP	CARBON DIOXIDE (CO2) BLASTER, 420 LBS/HR, SINGLE HOSE DELIVERY, 300 PSI MAX BLASTING PRESSURE (ADD 150-200 CFM COMPRESSOR)		Elec	1	HP	D-Off		4	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.25	\$0.15	\$4.40	\$0.10	\$0.06	\$0.00	\$0.00	\$6.56	\$6.72	\$11.12
Standby	\$2.13	\$0.15							\$2.28	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main			Carrier		CWT	
W25CJ003	XTREME 40	CARBON DIOXIDE (CO2) BLASTER, 222 LBS/HR, DUAL HOSE DELIVERY, 232 PSI MAX BLASTING PRESSURE (ADD 25-360 CFM COMPRESSOR)		Elec	1	HP	D-Off		3	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.72	\$0.13	\$3.85	\$0.10	\$0.06	\$0.00	\$0.00	\$5.74	\$5.90	\$9.75
Standby	\$1.86	\$0.13							\$1.99	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

W25 WATER & CO2 BLASTERS

W250.40CO2 BLASTERS

COLD JET

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
W25CJ004	P350	CO2 PELLETIZER, CREATES UP TO 772 LB/HR, 3MM-16MM DIA PELLETS		Elec	8	HP	D-Off	34		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$12.73	\$0.44	\$13.17	\$0.81	\$0.49	\$0.00	\$0.00	\$19.63	\$20.93	\$34.10
Standby	\$6.37	\$0.44							\$6.81	

W250.50WET ABRASIVE BLASTING SYSTEM (TOR

KEIZER TECHNOLOGIES AMERICAS, INC

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
W25KZ001	TORBO L120	WATER BLASTER, WET ABRASIVE BLASTER, 4.2 CF TANK CAP, 170 PSI, (INCLUDES HOSES & NOZZLE, ADD 350 CFM AIR COMPRESSOR)		Air	350	CFM	D-Off	4		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.16	\$0.09	\$1.25	\$0.00	\$0.25	\$0.00	\$0.00	\$0.88	\$1.13	\$2.38
Standby	\$0.58	\$0.09							\$0.67	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

W25 WATER & CO2 BLASTERS

W25 0.50 WET ABRASIVE BLASTING SYSTEM (TOR

KEIZER TECHNOLOGIES AMERICAS, INC

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
W25KZ006	TORBO XL320	WATER BLASTER, WET ABRASIVE BLASTER, 19.0 CF TANK CAP, 170 PSI, (INCLUDES HOSES & NOZZLE, ADD 385 CFM AIR COMPRESSOR)		Air	385	CFM	D-Off	9		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.06	\$0.15	\$2.21	\$0.00	\$0.25	\$0.00	\$0.00	\$1.56	\$1.81	\$4.02
Standby	\$1.03	\$0.15							\$1.18	

W30 WATER TANKS

W30 0.10 PORTABLE WITH WHEELS

KLEIN PRODUCTS, INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
W30KI007	KPT-100	WATER TANK, PORTABLE, TRAILER MTD, SELF ELEVATING, 10,000 GAL, 10" PIPE		Gas	5.5	HP	D-Off	170		

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.67	\$0.25	\$3.92	\$0.73	\$0.10	\$0.54	\$0.09	\$3.48	\$4.94	\$8.86
Standby	\$1.84	\$0.25							\$2.09	

* - Adjustable Elements

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W30 WATER TANKS

W30 0.10 PORTABLE WITH WHEELS

KLEIN PRODUCTS, INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
W30KI008	KPT-120	WATER TANK, PORTABLE, TRAILER MTD, SELF ELEVATING, 12,000 GAL, 10" PIPE		Gas	5.5	HP	D-Off	185		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.70	\$0.26	\$3.96	\$0.73	\$0.10	\$0.54	\$0.09	\$3.51	\$4.97	\$8.93
Standby	\$1.85	\$0.26							\$2.11	

W35 WELDERS

W35 0.10 ENGINE DRIVEN

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
W35XX020	GAS 140 AC-CC	WELDER, ENGINE DRIVEN, GAS, AC, 140 AMP, 4 KW, PORTABLE, SKID MTD		Gas	9	HP	D-Off	2		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.17	\$0.01	\$0.18	\$1.45	\$0.17	\$0.00	\$0.00	\$0.21	\$1.83	\$2.01
Standby	\$0.09	\$0.01							\$0.10	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

W35 WELDERS

W35 0.10 ENGINE DRIVEN

NO SPECIFIC MANUFACTURER

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
W35XX021	GAS 225 DC-CC/CV	WELDER, ENGINE DRIVEN, GAS, AC/DC-CC, 225 AMP, 10.5 KW, PORTABLE, SKID MTD			Gas	23	HP	D-Off	6	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.33	\$0.02	\$0.35	\$3.71	\$0.44	\$0.00	\$0.00	\$0.41	\$4.56	\$4.91
Standby	\$0.17	\$0.02							\$0.19	

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
W35XX022	GAS 250 AC/DC-CC/CV	WELDER, ENGINE DRIVEN, GAS, AC/DC-CC/CV, 250 AMP, 11 KW, TRAILER MTD			Gas	23	HP	D-Off	6	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.62	\$0.03	\$0.65	\$3.71	\$0.44	\$0.04	\$0.01	\$0.77	\$4.96	\$5.61
Standby	\$0.31	\$0.03							\$0.34	

			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	12/1/2017		Main		Carrier		CWT	
W35XX023	DIESEL 325 DC	WELDER, ENGINE DRIVEN, DIESEL, DC, 325 AMP, 12 KW, SKID MTD			D-Off	24.8	HP	D-Off	7	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.03	\$0.05	\$1.08	\$2.34	\$0.27	\$0.00	\$0.00	\$1.28	\$3.89	\$4.97
Standby	\$0.52	\$0.05							\$0.57	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

W35 WELDERS

W35 0.10 ENGINE DRIVEN

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
W35XX024	DIESEL 450 DC	WELDER, ENGINE DRIVEN, DIESEL, DC, 450 AMP, 12 KW, SKID MTD		D-Off	24.7	HP	D-Off	11		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.68	\$0.08	\$1.76	\$2.33	\$0.27	\$0.00	\$0.00	\$2.08	\$4.68	\$6.44
Standby	\$0.84	\$0.08							\$0.92	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
W35XX025	DIESEL 500 DC	WELDER, ENGINE DRIVEN, DIESEL, DC, 500 AMP, 15 KW, SKID MTD		D-Off	49	HP	D-Off	18		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.45	\$0.12	\$2.57	\$4.62	\$0.54	\$0.00	\$0.00	\$3.02	\$8.19	\$10.76
Standby	\$1.23	\$0.12							\$1.35	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

W35 WELDERS

W35 0.20 ELECTRIC DRIVEN

LINCOLN ELECTRIC COMPANY

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
W35LC012	IDEAL ARC	WELDER, ELECTRIC DRIVEN, 400 AMP, STICK R3R-400		Elec	35	HP	D-Off	5		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.74	\$0.03	\$0.77	\$1.51	\$0.74	\$0.00	\$0.00	\$0.57	\$2.82	\$3.59
Standby	\$0.37	\$0.03							\$0.40	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
W35LC013	IDEAL ARC	WELDER, ELECTRIC DRIVEN, 500 AMP, STICK R3R-500		Elec	41	HP	D-Off	5		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.85	\$0.03	\$0.88	\$1.77	\$0.86	\$0.00	\$0.00	\$0.65	\$3.28	\$4.16
Standby	\$0.43	\$0.03							\$0.46	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
W35LC018	SP-180C MIG	WELDER, ELECTRIC DRIVEN, 30-180 AMP, WIRE FEEDER		Elec	5	HP	D-Off	1		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.16	\$0.01	\$0.17	\$0.22	\$0.11	\$0.00	\$0.00	\$0.12	\$0.45	\$0.62
Standby	\$0.08	\$0.01							\$0.09	

* - Adjustable Elements

Region: 1
Pamphlet Year: 2020

Hourly Equipment Ownership and Operating Expense

W35 WELDERS

W35 0.20 ELECTRIC DRIVEN

LINCOLN ELECTRIC COMPANY

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
W35LC021	Tomahawk 1000	WELDER, ELECTRIC DRIVEN, 60 AMP, PLASMA CUTTER WITH 25' HAND TORCH		Elec	20	HP	D-Off	1		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.34	\$0.01	\$0.35	\$0.86	\$0.42	\$0.00	\$0.00	\$0.26	\$1.54	\$1.89
Standby	\$0.17	\$0.01							\$0.18	

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	12/1/2017	Main		Carrier		CWT		
W35XX089	THERMAL CUT LANCE	0.675" DIA X THERMAL OXYGEN CUTTING LANCE, INCLUDES TANK, VALVES, FITTINGS, PPE, HAND TRUCK. ALSO INCLUDES COST FOR CONSUMED BURNING BARS AND O2, 10.5' L BARS (3/HR)		D-Off		D-Off		3		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.64	\$0.02	\$0.66	\$0.00	\$68.97	\$0.00	\$0.00	\$0.50	\$69.47	\$70.13
Standby	\$0.32	\$0.02							\$0.34	

* - Adjustable Elements

Equipment Age Adjustment Factors for Ownership Cost

Region 1 Life in Years =			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment Purchase Year =			2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003
A10	.10	SELF PROPELLED	1.16	1.13	1.06	1.00	.98	.95	.95											
A10	.20	TOWED & TAILGATE	1.16	1.13	1.06	1.00	.98													
A15	.10	ROTARY SCREW	1.16	1.13	1.06	1.00	.98	.98	.96	.93										
A15	.20	SHOP TYPE	1.15	1.12	1.05	1.00	.98	.98	.96	.94	.89	.86								
A20	.10	AIR DRILL HOSE	1.14	1.10	1.05															
A20	.20	SANDBLAST HOSE	1.14	1.10	1.05															
A20	.30	SANDBLASTERS, BREAKERS, & MISC. AIR TOOLS	1.14	1.11	1.05	1.00	.98													
A25	.00	ASPHALT PAVING DISTRIBUTORS	1.14	1.11	1.05	1.00	.98													
A30	.10	SELF PROPELLED	1.15	1.12	1.05	1.00	.98	.95	.95											
A30	.20	TOWED	1.16	1.13	1.06	1.00	.98	.95	.95	.92										
A30	.30	SLURRY SEAL PAVERS (Cold mix)	1.16	1.13	1.06	1.00	.98	.95	.95	.92	.90	.87								

Equipment Age Adjustment Factors for Ownership Cost

Region 1			Life in Years =		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment			Purchase Year =		2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003
A30	.40	MISCELLANEOUS ROAD EQUIPMENT			1.16	1.13	1.06	1.00	.98	.95	.95	.92										
A35	.00	ASPHALT PAVING KETTLES			1.16	1.13	1.06	1.00	.98													
A40	.00	ASPHALT & CONCRETE MILLERS / PROFILERS / PLANERS / ROTARY GRINDERS			1.16	1.13	1.06	1.00	.98													
A45	.00	ASPHALT RECYCLERS & SEALERS			1.16	1.13	1.06	1.00														
B10	.10	ASPHALT			1.16	1.13	1.06	1.00	.98	.95	.95											
B10	.20	CONCRETE			1.16	1.13	1.06	1.00	.98	.95	.95											
B10	.30	PUGMILL			1.16	1.13	1.06	1.00	.98	.95	.95	.92										
B15	.00	BROOMS, STREET SWEEPERS & FLUSHERS			1.08	1.06	1.01	1.00	.99	.98	.97											
B20	.00	BRUSH CHIPPERS			1.08	1.06	1.01	1.00	.99	.98	.97											
B25	.00	BUCKETS, CLAMSHELL			1.06	1.04	1.00	1.00	.99	.98	.97											
B30	.10	GENERAL PURPOSE, MANUAL TRIP			1.05	1.04	1.00	1.00	.99	.99	.97											

Equipment Age Adjustment Factors for Ownership Cost

Region 1 Life in Years =			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment Purchase Year =			2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003
B30	.20	LAYDOWN	1.05	1.04	1.00	1.00	.99	.99	.97											
B30	.30	LOWBOY	1.05	1.04	1.00	1.00	.99	.99	.97											
B30	.40	LOW SLUMP	1.05	1.04	1.00	1.00	.99	.99	.97											
B35	.10	LIGHT WEIGHT	1.06	1.04	1.00	1.00	.99	.98	.97											
B35	.20	MEDIUM WEIGHT	1.06	1.04	1.00	1.00	.99	.98	.97											
B35	.30	HEAVY WEIGHT	1.06	1.04	1.00	1.00	.99	.98	.97	.95										
C05	.00	CHAIN SAWS	1.08	1.06																
C10	.10	COMPACTORS, RAMMERS / TAMPERS & VIBRATORY PLATES	1.08	1.06	1.01	1.00														
C10	.20	ROLLERS, VIBRATORY	1.09	1.06	1.01	1.00														
C15	.10	WALK BEHIND	1.09	1.07	1.01	1.00														
C15	.20	TRUCK/TRAILER MOUNTED	1.09	1.07	1.01	1.00	.99	.98	.96											

Equipment Age Adjustment Factors for Ownership Cost

Region 1			Life in Years =		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment			Purchase Year =		2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003
C20	.00	CONCRETE BUGGIES			1.09	1.07	1.01	1.00														
C25	.10	FINISHERS/TROWELS			1.09	1.07	1.01	1.00														
C25	.20	VIBRATORY SCREED			1.09	1.07	1.01	1.00														
C25	.25	VIBRATORY LASER SCREED			1.11	1.08	1.01	1.00	.99	.97	.96											
C25	.30	MATERIAL/TOPPING SPREADERS			1.11	1.08	1.01	1.00	.99	.97	.96											
C30	.00	CONCRETE GRINDERS			1.09	1.07	1.01	1.00														
C35	.00	CONCRETE GUNITERS / SHOTCRETERS			1.10	1.07	1.01	1.00	.99	.98												
C40	.00	CONCRETE MIXING UNITS			1.09	1.07	1.01	1.00														
C45	.00	CONCRETE PAVING MACHINES			1.16	1.13	1.06	1.00	.98													
C55	.00	CONCRETE PUMPS			1.08	1.06	1.01	1.00	.99	.98	.97											
C60	.00	CONCRETE SAWS (Add cost for sawblade wear)			1.08	1.06	1.01	1.00	.99													

Equipment Age Adjustment Factors for Ownership Cost

Region 1 Life in Years =			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment Purchase Year =			2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003
C65	.00	CONCRETE VIBRATORS	1.15	1.11	1.05	1.00														
C75	.00	CRANES, HYDRAULIC, SELF-PROPELLED	1.06	1.05	1.00	1.00	.99	.98	.97	.95	.93	.91	.88							
C80	.01	UNDER 26 TON	1.06	1.05	1.00	1.00	.99	.98	.97	.95	.93	.91	.88							
C80	.02	26 TON THRU 65 TON	1.06	1.05	1.00	1.00	.99	.98	.97	.95	.93	.92	.88	.89	.86					
C80	.03	66 TON THRU 125 TON	1.06	1.05	1.00	1.00	.99	.98	.97	.95	.93	.92	.88	.89	.86	.85				
C80	.04	OVER 125 TON	1.06	1.05	1.00	1.00	.99	.98	.97	.95	.93	.92	.88	.89	.86	.85	.84	.79		
C85	.11	DRAGLINE, CLAMSHELL, 0 THRU 1.0 CY	1.06	1.05	1.00	1.00	.99	.98	.96	.95	.93	.91	.87							
C85	.12	DRAGLINE, CLAMSHELL, OVER 1.0 CY THRU 2.5 CY	1.06	1.05	1.00	1.00	.99	.98	.97	.95	.93	.91	.88	.88	.85					
C85	.13	DRAGLINE, CLAMSHELL, OVER 2.5 CY THRU 5.0 CY	1.06	1.05	1.00	1.00	.99	.98	.97	.95	.93	.91	.88	.88	.85	.84				
C85	.14	DRAGLINE, CLAMSHELL, OVER 5.0 CY	1.06	1.05	1.00	1.00	.99	.98	.97	.95	.93	.91	.88	.88	.85	.84	.83	.78		
C85	.21	LIFTING, 0 THRU 25 TON	1.06	1.05	1.00	1.00	.99	.98	.97	.95	.93	.91	.88	.88	.85					

Equipment Age Adjustment Factors for Ownership Cost

Region 1 Life in Years =			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment Purchase Year =			2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003
C85	.22	LIFTING, 26 TON THRU 50 TON	1.06	1.05	1.00	1.00	.99	.98	.97	.95	.93	.91	.88	.88	.85	.84				
C85	.23	LIFTING, 51 TON THRU 150 TON	1.06	1.05	1.00	1.00	.99	.98	.97	.95	.93	.92	.88	.89	.86	.85	.84	.79		
C85	.24	LIFTING, OVER 150 TON	1.06	1.05	1.00	1.00	.99	.98	.97	.95	.93	.92	.88	.89	.86	.85	.84	.79	.74	
C90	.01	UNDER 26 TON	1.06	1.05	1.00	1.00	.99	.98	.97	.95	.93	.91	.88							
C90	.02	26 TON THRU 65 TON	1.06	1.05	1.00	1.00	.99	.98	.97	.95	.93	.92	.88	.89	.86					
C90	.03	66 TON THRU 125 TON	1.06	1.05	1.00	1.00	.99	.98	.97	.95	.93	.91	.88	.88	.85	.84				
C90	.04	OVER 125 TON	1.06	1.05	1.00	1.00	.99	.98	.97	.95	.93	.91	.88	.88	.85	.84	.83	.78		
C95	.00	CRANES, TOWER	1.06	1.05	1.00	1.00	.99	.98	.97	.95	.93	.91	.88	.88	.85	.84				
D10	.10	DRILLS, AIR TRACK (Add cost for drill steel and bit wear)	1.02	1.03	1.01	1.00	.99	.98	.96	.93	.92	.88	.84							
D10	.20	DRILLS, HYDRAULIC TRACK (Add cost for drill steel and bit wear)	1.02	1.03	1.01	1.00	.99	.98	.96	.93										
D15	.10	DRILLS, HORIZONTAL BORING & GROUND PIERCING (Add cost for drill steel and bit wear)	1.02	1.03	1.01	1.00	.99	.98	.96	.93										

Equipment Age Adjustment Factors for Ownership Cost

Region 1 Life in Years =			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment Purchase Year =			2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003
D15	.20	DRILLS, HORIZONTAL & DIRECTIONAL (Add cost for drill steel and bit wear)	1.02	1.03	1.01	1.00	.99	.98	.96	.93										
D20	.00	DRILLS, CORE, COLUMN MOUNTED (Add cost for drill steel and bit wear)	1.02	1.03	1.01	1.00	.99	.98	.96											
D25	.00	DRILLS, CORE & DOWELLING (Add cost for drill steel and bit wear)	1.02	1.03	1.01	1.00	.99	.98	.96	.93										
D30	.00	DRILLS, EARTH / AUGER (Add cost for drill steel, cutting edge wear, and crane when applicable)	1.02	1.03	1.01	1.00	.99	.98	.96	.93										
D35	.11	DIESEL, 4.5" THRU 9.875" DIAMETER HOLE (Add cost for drill steel and bit wear)	1.02	1.03	1.01	1.00	.99	.98	.96	.94	.93	.89	.85							
D35	.12	DIESEL, OVER 9.875" DIAMETER (Add cost for drill steel and bit wear)	1.02	1.03	1.01	1.00	.99	.98	.96	.94	.93	.89	.85	.84	.82	.76				
D35	.21	ELECTRIC, 4.5" THRU 9.875" DIAMETER HOLE (Add cost for drill steel and bit wear)	1.02	1.03	1.01	1.00	.99	.98	.96	.94	.93	.89	.85							
D35	.22	ELECTRIC, OVER 9.875" DIAMETER (Add cost for drill steel and bit wear)	1.02	1.03	1.01	1.00	.99	.98	.96	.94	.93	.89	.85	.84	.82	.76				
F10	.00	FORK LIFTS	1.09	1.07	1.01	1.00	.99	.98	.96	.94										
G10	.10	PORTABLE	1.06	1.05	1.03	1.00	.99	1.00	1.00											

Equipment Age Adjustment Factors for Ownership Cost

Region 1 Life in Years =			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment Purchase Year =			2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003
G10	.20	SKID MOUNTED	1.06	1.05	1.03	1.00	.99	1.00	1.00	.99										
G15	.00	GRADERS, MOTOR	1.08	1.05	1.00	1.00	.99	.98	.96	.94	.89	.79	.75							
H10	.00	HAMMERS, HYDRAULIC (Demolition tool) (Add cost for point wear)	1.09	1.07	1.01	1.00	.99													
H13	.11	COMPACTORS (Compression force) 0 THRU 50 TONS	1.09	1.06	1.01	1.00	.99	.98	.96	.95										
H13	.12	COMPACTORS (Compression force) OVER 50 TONS	1.09	1.07	1.01	1.00	.99	.98	.96	.94	.91	.87								
H13	.21	FILTER PRESSES, STATIONARY	1.09	1.07	1.01	1.00	.99	.98	.96	.94										
H13	.22	FILTER PRESSES, MOBILE	1.09	1.06	1.01	1.00	.99	.98	.96	.95										
H13	.30	CENTRIFUGES	1.09	1.07	1.01	1.00														
H13	.40	SHREDDERS	1.09	1.06	1.01	1.00	.99	.98	.96	.95										
H13	.51	SOIL TREATMENT PLANT, MOBILE	1.09	1.06	1.01	1.00	.99	.98	.96	.95										
H13	.61	SLUDGE PROCESSING EQUIP, SLUDGE DISPENSERS	1.09	1.06	1.01	1.00	.99	.98	.96	.95										

Equipment Age Adjustment Factors for Ownership Cost

Region 1			Life in Years =		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment			Purchase Year =		2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003
H13	.71	WASTE HANDLING EQUIPMENT, DRUM HANDLING			1.09	1.06	1.01	1.00														
H20	.00	HOISTS & AIR WINCHES			1.09	1.07	1.01	1.00	.99	.98	.96											
H25	.10	0 LBS THRU 12,500 LBS			1.07	1.05	1.00	1.00	.99	.98	.96											
H25	.11	OVER 12,500 LBS THRU 40,000 LBS			1.07	1.05	1.00	1.00	.99	.98	.96											
H25	.12	OVER 40,000 LBS THRU 100,000 LBS			1.07	1.05	1.00	1.00	.99	.98	.96	.95	.92	.90								
H25	.13	OVER 100,000 LBS THRU 160,000 LBS			1.07	1.05	1.00	1.00	.99	.98	.96	.95	.92	.90	.87	.87	.84					
H25	.14	OVER 160,000 LBS			1.07	1.05	1.00	1.00	.99	.98	.96	.95	.92	.90	.87	.87	.84	.83	.82			
H25	.21	EXCAVATOR ATTACHMENTS, MOBILE SHEARS			1.09	1.06	1.01	1.00	.99													
H25	.22	EXCAVATOR ATTACHMENTS, MATERIAL HANDLING			1.09	1.07	1.01	1.00	.99													
H25	.23	EXCAVATOR ATTACHMENTS, CONCRETE PULVERIZERS			1.09	1.06	1.01	1.00	.99													
H25	.24	EXCAVATOR ATTACHMENTS, COMPACTORS			1.09	1.06	1.01	1.00	.99													

Equipment Age Adjustment Factors for Ownership Cost

Region 1 Life in Years =			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment Purchase Year =			2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003
H30	.01	0 THRU 1.0 CY	1.07	1.05	1.00	1.00	.99	.98	.96											
H30	.02	OVER 1.0 CY	1.07	1.05	1.00	1.00	.99	.98	.96	.95										
H35	.11	DIESEL, 0 CY THRU 5.0 CY	1.06	1.05	1.00	1.00	.99	.98	.96	.95	.93	.91	.87							
H35	.12	DIESEL, OVER 5.0 CY	1.06	1.05	1.00	1.00	.99	.98	.97	.95	.93	.91	.88	.88	.85					
H35	.21	ELECTRIC, OVER 2.5 CY	1.06	1.05	1.00	1.00	.99	.98	.97	.95	.93	.91	.88	.88	.85	.84				
L10	.00	LAND CLEARING EQUIPMENT	1.12	1.09	1.01	1.00	.99	.98	.98	.96										
L15	.00	LANDSCAPING EQUIPMENT	1.09	1.06	1.01	1.00														
L20	.10	LIGHTING SETS, TRAILER MOUNTED	1.09	1.07	1.01	1.00	.99	.98	.96											
L25	.00	LINE STRIPING EQUIPMENT	1.09	1.07	1.01	1.00	.99	.98	.96											
L30	.00	LOADERS, BELT (Conveyor belts) & ACCESSORIES	1.09	1.07	1.01	1.00	.99	.98	.96	.94										
L35	.00	LOADERS, FRONT END, CRAWLER TYPE	1.12	1.09	1.01	1.00	.99	.98	.98	.96										

Equipment Age Adjustment Factors for Ownership Cost

Region 1			Life in Years =		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment			Purchase Year =		2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003
L40	.11	ARTICULATED, 0 THRU 225 HP			1.12	1.09	1.02	1.00	.99	.98	.97											
L40	.12	ARTICULATED, OVER 225 HP			1.11	1.08	1.01	1.00	.99	.98	.98	.96	.92	.87	.83							
L40	.20	SKID STEER			1.12	1.09	1.01	1.00	.99	.98	.98											
L40	.21	SKID STEER ATTACHMENTS			1.12	1.09	1.01	1.00														
L40	.31	TOOL CARRIER & TELESCOPIC HANDLERS, 0 THRU 225 HP			1.12	1.09	1.02	1.00	.99	.98	.97	.96										
L40	.32	TOOL CARRIER & TELESCOPIC HANDLERS, OVER 225 HP			1.11	1.08	1.01	1.00	.99	.98	.98	.97	.93	.88								
L45	.00	LOADERS / BACKHOE, CRAWLER TYPE			1.12	1.09	1.01	1.00	.99	.98	.98											
L50	.00	LOADERS / BACKHOE, WHEEL TYPE			1.12	1.09	1.02	1.00	.99	.98	.97	.96										
L55	.00	LOADER / BACKHOE, ATTACHMENTS			1.09	1.07	1.01	1.00	.99													
L60	.00	LOG SKIDDERS			1.09	1.06	1.04	1.00	.99	.97	.95	.92										
M10	.11	AQUATIC MAINTENANCE			1.07	1.04	1.01	1.00	.99	.98	.96	.94										

Equipment Age Adjustment Factors for Ownership Cost

Region 1 Life in Years =			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment Purchase Year =			2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003
M10	.12	AQUATIC MAINTENANCE ATTACHMENTS	1.07	1.04	1.02	1.00	.99													
M10	.21	HYDRAULIC CUTTERHEAD DREDGE, 8" OR LESS,TRANSPORTABLE	1.06	1.04	1.01	1.00	.99	.98	.96	.95	.93	.92	.90	.88	.84					
M10	.22	HYDRAULIC CUTTERHEAD DREDGE,8" - 12",TRANSPORTABLE	1.06	1.04	1.01	1.00	.99	.98	.96	.95	.93	.92	.90	.88	.84					
M10	.23	HYDRAULIC AUGERHEAD DREDGE,12" OR LESS,TRANSPORTABLE	1.06	1.04	1.01	1.00	.99	.98	.96	.95	.93	.92	.90	.88	.84					
M10	.24	HYDRAULIC FLOATING PUMPS,12" OR LESS,TRANSPORTABLE	1.06	1.04	1.01	1.00	.99	.98	.96											
M10	.25	HYDRAULIC DREDGE PUMPS,12" OR LESS,TRANSPORTABLE	1.07	1.04	1.01	1.00	.99													
M10	.26	HYDRAULIC DREDGE / PUMP ATTACHMENTS	1.07	1.04	1.01	1.00	.99													
M10	.31	SMALL MECH DREDGES,CLAMSHELL,BARG E-MTD TO 5 CY	1.06	1.05	1.00	1.00	.99	.98	.97	.95	.93	.92	.88	.89	.86	.85				
M10	.32	SMALL MECH DREDGES, AMPHIBIOUS EXCAVATORS	1.06	1.05	1.00	1.00	.99	.98	.97	.95										
M10	.33	SMALL MECH DREDGES,HOE-MOUNTED DREDGING ATTACH	1.06	1.04	1.01	1.00	.99	.98	.96	.94	.93	.92	.89	.87	.83	.79	.75	.72		
M10	.41	WORK FLOATS (SECTIONAL, NON-DREDGING)	1.06	1.04	1.01	1.00	.99													

Equipment Age Adjustment Factors for Ownership Cost

Region 1 Life in Years =			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment Purchase Year =			2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003
M10	.42	WORK BARGES (SECTIONAL, NON-DREDGING)	1.06	1.04	1.01	1.00	.99	.98	.96	.95	.93	.92	.90	.88	.84	.81	.77	.74	.71	.67
M10	.45	FLAT-DECK OR CARGO BARGE (NON-DREDGING)	1.06	1.04	1.01	1.00	.99	.98	.97	.95	.94	.93	.91	.89	.85	.82	.78	.75	.73	.69
M10	.46	DUMP SCOW (NON-DREDGING)	1.06	1.04	1.01	1.00	.99	.98	.97	.95	.94	.93	.91	.89	.85	.82	.78	.75	.73	.69
M10	.47	DRILL BARGE (NON-DREDGING)	1.06	1.04	1.01	1.00	.99	.98	.97	.95	.94	.93	.90	.88	.85	.82	.78	.75	.72	.68
M10	.48	ALL OTHER BARGES (NON-DREDGING)	1.06	1.04	1.01	1.00	.99	.98	.97	.95	.94	.93	.90	.88	.85	.82	.78	.75	.72	.68
M10	.51	BOATS & LAUNCHES, 0 THRU 250 HP	1.06	1.04	1.01	1.00	.99	.98	.96	.94	.93	.92	.89	.87	.83					
M10	.53	BOATS & LAUNCHES, GREATER THAN 250 HP	1.06	1.04	1.01	1.00	.99	.98	.96	.95	.93	.92	.90	.88	.84	.80				
M10	.54	TUGS, UNDER 1,000 HP	1.06	1.04	1.01	1.00	.99	.98	.96	.95	.93	.92	.90	.88	.84	.81	.77	.74	.71	.67
M10	.55	TUGS, GREATER THAN 1,000 HP	1.06	1.04	1.01	1.00	.99	.98	.96	.95	.93	.92	.90	.88	.84	.81	.77	.74	.71	.67
P10	.00	PILE HAMMER ACCESSORIES - EXTRACTORS & BOX LEADS	1.12	1.09	1.02	1.00	.99													
P20	.10	PILE HAMMERS, DOUBLE ACTING - DIESEL	1.10	1.07	1.01	1.00	.99													

Equipment Age Adjustment Factors for Ownership Cost

Region 1 Life in Years =			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment Purchase Year =			2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003
P20	.20	PILE HAMMERS, DOUBLE ACTING - PNEUMATIC (STEAM/AIR)	1.09	1.07	1.01	1.00	.99													
P25	.10	PILE HAMMERS, SINGLE ACTING - DIESEL	1.09	1.07	1.01	1.00	.99													
P25	.20	PILE HAMMERS, SINGLE ACTING - PNEUMATIC (STEAM/AIR)	1.09	1.06	1.01	1.00	.99													
P30	.00	PILE HAMMERS, DRIVER/ EXTRACTOR, VIBRATORY	1.09	1.07	1.01	1.00	.99													
P35	.00	PIPELAYERS	1.11	1.09	1.01	1.00	.99	.98	.98	.96	.92	.87	.83							
P40	.00	PLATFORMS & MAN-LIFTS	1.06	1.04	1.00	1.00	.99	.98	.97											
P45	.00	PUMPS, GROUT	1.09	1.06	1.01	1.00	.99	.98	.96											
P50	.11	ENGINE DRIVE	1.09	1.07	1.01	1.00	.99	.98	.96											
P50	.12	ELECTRIC DRIVE	1.09	1.07	1.01	1.00	.99	.98	.96											
P50	.21	WHEEL MOUNTED, ENGINE DRIVE	1.09	1.07	1.01	1.00	.99	.98	.96											
P50	.22	WHEEL MOUNTED, ELECTRIC DRIVE	1.09	1.07	1.01	1.00	.99	.98	.96											

Equipment Age Adjustment Factors for Ownership Cost

Region 1			Life in Years =		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment			Purchase Year =		2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003
P50	.31	PUMPS, WATER, CENTRIFUGAL, TRASH - HOSES, PUMP, SUCTION & DISCHARGE			1.08	1.06	1.01	1.00														
P55	.01	ENGINE DRIVE			1.09	1.07	1.01	1.00	.99	.98	.96											
P55	.02	ELECTRIC DRIVE (PROVIDE POWER SOURCE)			1.09	1.06	1.01	1.00	.99	.98	.96											
P60	.11	SKID MOUNTED, ENGINE DRIVE			1.09	1.07	1.01	1.00	.99	.98	.96											
P60	.12	SKID MOUNTED, ELECTRIC DRIVE			1.09	1.06	1.01	1.00	.99	.98	.96											
P60	.21	WHEEL MOUNTED, ENGINE DRIVE			1.09	1.07	1.01	1.00	.99	.98	.96											
P60	.22	WHEEL MOUNTED, ELECTRIC DRIVE			1.09	1.06	1.01	1.00	.99	.98	.96											
P65	.11	SKID MOUNTED, ENGINE DRIVE			1.09	1.07	1.01	1.00	.99	.98	.96											
P65	.12	SKID MOUNTED, ELECTRIC DRIVE			1.09	1.06	1.01	1.00	.99	.98	.96											
P65	.21	WHEEL MOUNTED, ENGINE DRIVE			1.09	1.07	1.01	1.00	.99	.98	.96											
P65	.22	WHEEL MOUNTED, ELECTRIC DRIVE			1.09	1.06	1.01	1.00	.99	.98	.96											

Equipment Age Adjustment Factors for Ownership Cost

Region 1			Life in Years =		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment			Purchase Year =		2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003
P70	.01	PUMPS, WATER (For core drills) - ENGINE DRIVE			1.10	1.07	1.01	1.00	.99	.98	.96											
P70	.02	PUMPS, WATER (For core drills) - ELECTRIC DRIVE			1.10	1.07	1.01	1.00	.99	.98	.96											
R10	.00	RIPPERS (Add cost for point wear)			1.12	1.09	1.01	1.00	.99	.98	.98											
R15	.00	ROLLERS, STATIC, TOWED, PNEUMATIC			1.09	1.06	1.04	1.00	.99	.97	.95	.91										
R20	.00	ROLLERS, STATIC, TOWED, STEEL DRUM			1.09	1.06	1.04	1.00	.99	.97	.95	.91										
R30	.01	PNEUMATIC			1.09	1.06	1.04	1.00	.99	.97	.95											
R30	.02	SMOOTH DRUM			1.09	1.06	1.04	1.00	.99	.97	.95	.92										
R30	.03	TAMPING FOOT, LANDFILL & SOIL COMPACTORS			1.09	1.06	1.04	1.00	.99	.97	.95	.91	.89	.86								
R40	.00	ROLLERS, VIBRATORY, TOWED			1.09	1.07	1.04	1.00	.99	.97	.95											
R45	.00	ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM			1.09	1.07	1.04	1.00	.99	.97	.95											
R50	.00	ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM			1.10	1.07	1.04	1.00	.99	.97	.94											

Equipment Age Adjustment Factors for Ownership Cost

Region 1 Life in Years =			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment Purchase Year =			2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003
R55	.00	ROOFING EQUIPMENT	1.09	1.06	1.01	1.00	.99													
S10	.01	0 THRU 200 HP	1.07	1.05	1.00	1.00	.99	.98	.96	.94										
S10	.02	OVER 200 HP	1.08	1.05	1.00	1.00	.99	.98	.96	.94	.89	.79								
S15	.00	SCRAPERS, CONVENTIONAL	1.07	1.05	1.00	1.00	.99	.98	.96	.94	.90	.80	.77	.75						
S20	.00	SCRAPERS, TANDEM POWERED	1.07	1.05	1.00	1.00	.99	.98	.96	.94	.90	.80	.77	.75						
S25	.00	SCRAPERS, TRACTOR DRAWN	1.07	1.05	1.00	1.00	.99	.98	.96	.94	.90	.80								
S30	.10	CONVEYORS	1.08	1.06	1.01	1.00	.99	.98	.97	.95										
S30	.20	CRUSHERS - VERTICAL & HORIZONTAL SHAFT IMPACTOR	1.08	1.06	1.01	1.00	.99	.98	.97	.95	.92	.88	.85	.85	.82	.79	.77	.74	.69	.66
S30	.21	CRUSHERS - CONE	1.08	1.06	1.01	1.00	.99	.98	.97	.95	.92	.88	.85	.85	.82	.79	.77	.74	.69	.66
S30	.22	CRUSHERS - JAW	1.08	1.06	1.01	1.00	.99	.98	.97	.95	.92	.88	.85	.85	.82	.79	.77	.74	.69	.66
S30	.30	SCREENING PLANT	1.08	1.06	1.01	1.00	.99	.98	.97	.95										

Equipment Age Adjustment Factors for Ownership Cost

Region 1			Life in Years =		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment			Purchase Year =		2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003
S35	.00	SNOW REMOVAL EQUIPMENT			1.09	1.07	1.01	1.00	.99	.98	.96											
S40	.00	SOIL & ROAD STABILIZERS			1.07	1.05	1.00	1.00	.99	.98	.96	.94										
S45	.00	SPLITTERS, ROCK & CONCRETE			1.09	1.07	1.01	1.00	.99													
T10	.00	TRACTOR BLADES & ATTACHMENTS (including agricultural)			1.12	1.09	1.01	1.00	.99	.98	.98	.96										
T15	.01	0 THRU 225 HP			1.13	1.10	1.02	1.00	.99	.98	.97	.96										
T15	.02	226 HP THRU 425 HP			1.12	1.09	1.02	1.00	.99	.98	.97	.96	.92	.86								
T15	.03	OVER 425 HP			1.11	1.08	1.01	1.00	.99	.98	.98	.96	.92	.87	.83	.83						
T20	.00	TRACTORS, WHEEL TYPE (DOZER)			1.09	1.06	1.04	1.00	.99	.97	.95	.92	.89	.86	.84							
T25	.10	CRAWLER			1.09	1.06	1.04	1.00	.99	.97	.95	.92										
T25	.20	WHEEL			1.09	1.06	1.04	1.00	.99	.97	.95											
T30	.00	TRENCHERS, CHAIN TYPE CUTTER			1.09	1.07	1.04	1.00	.99	.97	.95											

Equipment Age Adjustment Factors for Ownership Cost

Region 1			Life in Years =		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment			Purchase Year =		2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003
T35	.00	TRENCHERS, WHEEL TYPE CUTTER			1.09	1.07	1.04	1.00	.99	.97	.95											
T40	.10	CRANES / HOISTS, PERSONNEL & MATERIAL HANDLING			1.09	1.07	1.01	1.00	.99	.98	.96											
T40	.20	DUMP BODY, REAR			1.08	1.06	1.01	1.00	.99	.98	.97											
T40	.30	FLATBEDS, WITH SIDES			1.09	1.07	1.01	1.00	.99	.98	.96											
T40	.41	HOIST, ELECTRIC DRIVE			1.09	1.07	1.01	1.00	.99	.98	.96											
T40	.50	TRANSIT MIXERS			1.09	1.06	1.01	1.00	.99	.98	.96											
T40	.60	WATER TANKS			1.10	1.07	1.01	1.00	.99	.98	.96											
T40	.70	ALL OTHER OPTIONS			1.09	1.07	1.01	1.00	.99	.98	.96											
T45	.10	BOTTOM DUMP			1.08	1.06	1.01	1.00	.99	.98	.97	.95										
T45	.20	END / SIDE DUMP			1.08	1.06	1.01	1.00	.99	.98	.97	.95										
T45	.30	PUP TRAILER			1.08	1.06	1.01	1.00	.99	.98	.97											

Equipment Age Adjustment Factors for Ownership Cost

Region 1			Life in Years =		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment			Purchase Year =		2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003
T45	.41	LOWBOY, RIGID NECK, DROP DECK			1.08	1.06	1.01	1.00	.99	.98	.97	.95										
T45	.50	FLATBED TRAILER			1.08	1.06	1.01	1.00	.99	.98	.97	.95										
T45	.60	MISCELLANEOUS / UTILITY			1.08	1.06	1.01	1.00	.99	.98	.97	.95										
T45	.70	WATER TANKER TRAILER			1.10	1.07	1.01	1.00	.99	.98	.96	.94										
T45	.80	DECONTAMINATION FACILITY			1.10	1.07	1.01	1.00	.99	.98	.96											
T45	.90	TANK TRAILERS			1.10	1.07	1.01	1.00	.99	.98	.96	.94										
T50	.01	0 THRU 10,000 GVW			1.06	1.04	1.00	1.00	.98	.96	.94											
T50	.02	OVER 10,000 THRU 30,000 GVW (Chassis only - Add options)			1.06	1.04	1.00	1.00	.99	.96	.94	.92										
T50	.03	OVER 30,000 GVW (Chassis only - Add options)			1.06	1.04	1.00	1.00	.99	.97	.94	.92	.89	.83								
T55	.10	RIGID FRAME			1.10	1.09	1.03	1.00	.99	.98	.95	.93	.93	.90	.89	.88	.86	.83	.81	.76		
T55	.20	ARTICULATED FRAME			1.10	1.09	1.03	1.00	.99	.98	.95	.93	.93	.90								

Equipment Age Adjustment Factors for Ownership Cost

Region 1 Life in Years =			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment Purchase Year =			2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003
T56	.10	PRIME MOVER TRACTORS	1.10	1.09	1.03	1.00	.99	.98	.95	.93	.93	.90	.89	.88	.86	.83	.81	.76		
T56	.20	WAGONS, BOTTOM DUMP	1.11	1.09	1.03	1.00	.99	.98	.95	.93	.92	.90	.88	.87						
T56	.30	WAGONS, REAR DUMP	1.11	1.09	1.03	1.00	.99	.98	.95	.93	.92	.90								
T57	.00	TRUCKS, VACUUM	1.09	1.07	1.01	1.00	.99	.98	.96	.94										
T60	.00	TRUCKS, WATER, OFF-HIGHWAY	1.11	1.09	1.03	1.00	.99	.98	.95	.93	.92	.90								
T65	.10	DRIFTING & TUNNELING DRILLS	1.02	1.03	1.01	1.00	.99	.98	.96	.94	.93	.90	.86							
T65	.20	TUNNEL BORING MACHINES	1.09	1.06	1.01	1.00	.99	.98	.96	.95	.92	.87	.84	.84	.81	.78				
T65	.30	PRODUCTION DRILLING RIGS	1.02	1.03	1.01	1.00	.99	.98	.96	.94	.93	.90								
T65	.40	ROADHEADERS & CONTINUOUS MINERS	1.09	1.06	1.01	1.00	.99	.98	.96	.95	.92	.87	.84	.84	.81					
T65	.50	ROCK BOLTING EQUIPMENT	1.09	1.07	1.01	1.00	.99	.98	.96	.94										
T65	.61	LOADING & HAULING EQUIPMENT, DIESEL OR GAS	1.09	1.07	1.01	1.00	.99	.98	.96	.94	.91	.87								

Equipment Age Adjustment Factors for Ownership Cost

Region 1 Life in Years =			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment Purchase Year =			2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003
T65	.62	LOADING & HAULING EQUIPMENT, ELECTRIC	1.09	1.07	1.01	1.00	.99	.98	.96	.94	.91	.87	.83							
T65	.63	LOADING & HAULING EQUIPMENT, AIR-POWERED	1.10	1.07	1.01	1.00	.99	.98	.96	.94										
T65	.70	LOCOMOTIVES	1.09	1.07	1.01	1.00	.99	.98	.96	.94	.91	.87								
T65	.90	OTHER TUNNELING EQUIPMENT	1.09	1.07	1.01	1.00	.99	.98	.96	.94										
W10	.00	WAGONS, BOTTOM DUMP	1.10	1.09	1.03	1.00	.99	.98	.95	.93	.93	.90								
W15	.00	WAGONS, REAR DUMP	1.10	1.09	1.03	1.00	.99	.98	.95	.93	.93	.90								
W25	.10	LOW PRESSURE, (< 5,000 PSI)	1.09	1.07	1.01	1.00														
W25	.20	HIGH PRESSURE, (>= 5,000 PSI)	1.09	1.07	1.01	1.00														
W25	.30	STEAM CLEANERS	1.09	1.07	1.01	1.00														
W25	.40	CO2 BLASTERS	1.09	1.07	1.01	1.00	.99													
W25	.50	WET ABRASIVE BLASTING SYSTEM (TORBO)	1.11	1.08	1.02	1.00	.99	.97	.95	.93										

Equipment Age Adjustment Factors for Ownership Cost

Region 1 Life in Years =			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment Purchase Year =			2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003
W30	.10	PORTABLE WITH WHEELS	1.11	1.09	1.03	1.00	.99	.98	.95	.93	.92	.90								
W30	.20	SKID MOUNTED	1.11	1.09	1.03	1.00	.99	.98	.95	.93	.92	.90								
W35	.10	ENGINE DRIVEN	1.10	1.07	1.01	1.00	.99	.98	.96											
W35	.20	ELECTRIC DRIVEN	1.09	1.07	1.01	1.00	.99													

Equipment Age Adjustment Factors for Standby Cost

Region 1 Life in Years =			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment Purchase year =			2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003
A10	.10	SELF PROPELLED	1.16	1.13	1.05	1.00	.98	.95	.95	.92	.90	.87	.84	.84	.81	.77	.74	.70	.65	.66
A10	.20	TOWED & TAILGATE	1.16	1.13	1.06	1.00	.98	.95	.95	.92	.90	.87	.84	.84	.81	.77	.74	.70	.65	.65
A15	.10	ROTARY SCREW	1.16	1.12	1.06	1.00	.98	.98	.96	.93	.89	.85	.77	.77	.72	.66	.63	.60	.57	.56
A15	.20	SHOP TYPE	1.15	1.12	1.05	1.00	.98	.98	.96	.94	.89	.86	.79	.78	.73	.68	.65	.62	.60	.59
A20	.10	AIR DRILL HOSE	1.14	1.10	1.05	1.00	.98	.98	.97	.94	.90	.87	.81	.80	.76	.71	.69	.66	.64	.63
A20	.20	SANDBLAST HOSE	1.14	1.10	1.05	1.00	.98	.98	.97	.94	.90	.87	.81	.80	.76	.71	.69	.66	.64	.63
A20	.30	SANDBLASTERS, BREAKERS, & MISC. AIR TOOLS	1.14	1.11	1.05	1.00	.98	.98	.97	.94	.90	.87	.80	.79	.75	.70	.67	.64	.62	.61

Equipment Age Adjustment Factors for Standby Cost

Region 1 Life in Years =			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment Purchase year =			2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003
A25	.00	ASPHALT PAVING DISTRIBUTORS	1.14	1.11	1.05	1.00	.98	.96	.96	.93	.91	.89	.86	.86	.83	.80	.77	.74	.69	.70
A30	.10	SELF PROPELLED	1.15	1.12	1.05	1.00	.98	.95	.95	.93	.91	.88	.85	.85	.82	.78	.76	.72	.68	.68
A30	.20	TOWED	1.16	1.13	1.05	1.00	.98	.95	.95	.92	.90	.87	.85	.84	.81	.77	.74	.70	.66	.66
A30	.30	SLURRY SEAL PAVERS (Cold mix)	1.16	1.13	1.05	1.00	.98	.95	.95	.92	.90	.88	.85	.85	.81	.77	.75	.71	.66	.66
A30	.40	MISCELLANEOUS ROAD EQUIPMENT	1.16	1.13	1.05	1.00	.98	.95	.95	.92	.90	.87	.85	.84	.81	.77	.74	.70	.66	.66
A35	.00	ASPHALT PAVING KETTLES	1.16	1.13	1.06	1.00	.98	.95	.95	.92	.90	.87	.84	.84	.81	.77	.74	.70	.65	.65
A40	.00	ASPHALT & CONCRETE MILLERS / PROFILERS / PLANERS / ROTARY GRINDERS	1.16	1.13	1.06	1.00	.98	.95	.95	.92	.90	.87	.84	.84	.81	.77	.74	.70	.65	.65

Equipment Age Adjustment Factors for Standby Cost

Region 1 Life in Years =			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment Purchase year =			2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003
A45	.00	ASPHALT RECYCLERS & SEALERS	1.16	1.13	1.06	1.00	.98	.95	.95	.92	.90	.87	.84	.84	.81	.77	.74	.70	.65	.65
B10	.10	ASPHALT	1.16	1.13	1.05	1.00	.98	.95	.95	.92	.90	.87	.84	.84	.81	.77	.74	.70	.65	.66
B10	.20	CONCRETE	1.16	1.13	1.05	1.00	.98	.95	.95	.92	.90	.87	.84	.84	.81	.77	.74	.70	.65	.66
B10	.30	PUGMILL	1.16	1.13	1.05	1.00	.98	.95	.95	.92	.90	.87	.85	.84	.81	.77	.74	.70	.66	.66
B15	.00	BROOMS, STREET SWEEPERS & FLUSHERS	1.08	1.06	1.01	1.00	.99	.98	.97	.95	.92	.88	.85	.85	.82	.79	.77	.74	.69	.66
B20	.00	BRUSH CHIPPERS	1.08	1.06	1.01	1.00	.99	.98	.97	.95	.92	.88	.85	.85	.82	.79	.77	.74	.69	.66
B25	.00	BUCKETS, CLAMSHELL	1.06	1.04	1.00	1.00	.99	.98	.97	.95	.93	.92	.89	.89	.87	.86	.85	.80	.75	.73

Equipment Age Adjustment Factors for Standby Cost

Region 1 Life in Years =			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment Purchase year =			2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003
B30	.10	GENERAL PURPOSE, MANUAL TRIP	1.05	1.04	1.00	1.00	.99	.99	.97	.96	.94	.92	.89	.90	.88	.87	.86	.81	.76	.74
B30	.20	LAYDOWN	1.05	1.04	1.00	1.00	.99	.99	.97	.96	.94	.92	.89	.90	.88	.87	.86	.81	.76	.74
B30	.30	LOWBOY	1.05	1.04	1.00	1.00	.99	.99	.97	.96	.94	.92	.89	.90	.88	.87	.86	.81	.76	.74
B30	.40	LOW SLUMP	1.05	1.04	1.00	1.00	.99	.99	.97	.96	.94	.92	.89	.90	.88	.87	.86	.81	.76	.74
B35	.10	LIGHT WEIGHT	1.06	1.04	1.00	1.00	.99	.98	.97	.95	.93	.92	.89	.89	.87	.86	.85	.80	.75	.73
B35	.20	MEDIUM WEIGHT	1.06	1.04	1.00	1.00	.99	.98	.97	.96	.93	.92	.89	.89	.87	.86	.85	.80	.75	.73
B35	.30	HEAVY WEIGHT	1.06	1.04	1.00	1.00	.99	.98	.97	.96	.93	.92	.89	.89	.87	.86	.85	.80	.75	.73

Equipment Age Adjustment Factors for Standby Cost

Region 1 Life in Years =			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment Purchase year =			2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003
C05	.00	CHAIN SAWS	1.08	1.06	1.01	1.00	.99	.98	.97	.95	.92	.88	.85	.85	.82	.79	.77	.73	.68	.66
C10	.10	COMPACTORS, RAMMERS / TAMPERS & VIBRATORY PLATES	1.08	1.06	1.01	1.00	.99	.98	.97	.95	.93	.89	.86	.86	.83	.80	.78	.75	.70	.68
C10	.20	ROLLERS, VIBRATORY	1.09	1.06	1.01	1.00	.99	.98	.96	.95	.92	.87	.84	.84	.81	.78	.76	.72	.66	.64
C15	.10	WALK BEHIND	1.09	1.07	1.01	1.00	.99	.98	.96	.94	.91	.86	.83	.83	.80	.76	.74	.70	.64	.61
C15	.20	TRUCK/TRAILER MOUNTED	1.09	1.07	1.01	1.00	.99	.98	.96	.94	.91	.87	.83	.83	.80	.77	.74	.70	.65	.62
C20	.00	CONCRETE BUGGIES	1.09	1.07	1.01	1.00	.99	.98	.96	.94	.91	.86	.83	.83	.80	.76	.74	.70	.64	.61
C25	.10	FINISHERS/TROWELS	1.09	1.07	1.01	1.00	.99	.98	.96	.94	.91	.87	.83	.83	.80	.76	.74	.70	.64	.61

Equipment Age Adjustment Factors for Standby Cost

Region 1 Life in Years =			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment Purchase year =			2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003
C25	.20	VIBRATORY SCREED	1.09	1.07	1.01	1.00	.99	.98	.96	.94	.91	.87	.83	.83	.80	.76	.74	.70	.64	.61
C25	.25	VIBRATORY LASER SCREED	1.10	1.08	1.01	1.00	.99	.97	.96	.93	.90	.85	.81	.81	.77	.73	.71	.66	.60	.56
C25	.30	MATERIAL/TOPPING SPREADERS	1.10	1.08	1.01	1.00	.99	.97	.96	.93	.90	.85	.81	.81	.77	.73	.71	.66	.60	.56
C30	.00	CONCRETE GRINDERS	1.09	1.07	1.01	1.00	.99	.98	.96	.94	.91	.87	.83	.83	.80	.76	.74	.70	.64	.61
C35	.00	CONCRETE GUNITERS / SHOTCRETERS	1.10	1.07	1.01	1.00	.99	.98	.96	.94	.91	.86	.82	.82	.78	.75	.72	.68	.62	.59
C40	.00	CONCRETE MIXING UNITS	1.09	1.07	1.01	1.00	.99	.98	.96	.94	.91	.87	.83	.83	.80	.76	.74	.70	.64	.61
C45	.00	CONCRETE PAVING MACHINES	1.16	1.13	1.06	1.00	.98	.95	.95	.92	.90	.87	.84	.84	.81	.77	.74	.70	.65	.65

Equipment Age Adjustment Factors for Standby Cost

Region 1 Life in Years =			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment Purchase year =			2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003
C55	.00	CONCRETE PUMPS	1.08	1.06	1.01	1.00	.99	.98	.97	.95	.92	.88	.85	.85	.82	.79	.77	.74	.69	.66
C60	.00	CONCRETE SAWS (Add cost for sawblade wear)	1.08	1.06	1.01	1.00	.99	.98	.97	.95	.92	.88	.85	.85	.82	.79	.77	.73	.68	.66
C65	.00	CONCRETE VIBRATORS	1.14	1.11	1.05	1.00	.98	.98	.97	.94	.90	.87	.80	.79	.75	.70	.67	.64	.61	.61
C75	.00	CRANES, HYDRAULIC, SELF-PROPELLED	1.06	1.05	1.00	1.00	.99	.98	.97	.95	.93	.92	.88	.89	.86	.85	.84	.79	.74	.72
C80	.01	UNDER 26 TON	1.06	1.05	1.00	1.00	.99	.98	.97	.95	.93	.92	.88	.89	.86	.85	.84	.79	.74	.72
C80	.02	26 TON THRU 65 TON	1.06	1.05	1.00	1.00	.99	.98	.97	.95	.93	.92	.88	.89	.86	.85	.84	.79	.74	.72
C80	.03	66 TON THRU 125 TON	1.06	1.05	1.00	1.00	.99	.98	.97	.95	.93	.92	.89	.89	.86	.85	.84	.79	.74	.72

Equipment Age Adjustment Factors for Standby Cost

Region 1 Life in Years =			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment Purchase year =			2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003
C80	.04	OVER 125 TON	1.06	1.05	1.00	1.00	.99	.98	.97	.95	.93	.92	.89	.89	.87	.86	.84	.79	.74	.72
C85	.11	DRAGLINE, CLAMSHELL, 0 THRU 1.0 CY	1.06	1.05	1.00	1.00	.99	.98	.97	.95	.93	.91	.88	.88	.86	.85	.83	.78	.72	.70
C85	.12	DRAGLINE, CLAMSHELL, OVER 1.0 CY THRU 2.5 CY	1.06	1.05	1.00	1.00	.99	.98	.97	.95	.93	.91	.88	.88	.86	.85	.83	.78	.73	.70
C85	.13	DRAGLINE, CLAMSHELL, OVER 2.5 CY THRU 5.0 CY	1.06	1.05	1.00	1.00	.99	.98	.97	.95	.93	.91	.88	.89	.86	.85	.84	.78	.73	.71
C85	.14	DRAGLINE, CLAMSHELL, OVER 5.0 CY	1.06	1.05	1.00	1.00	.99	.98	.97	.95	.93	.91	.88	.89	.86	.85	.84	.78	.73	.71
C85	.21	LIFTING, 0 THRU 25 TON	1.06	1.05	1.00	1.00	.99	.98	.97	.95	.93	.91	.88	.88	.86	.85	.83	.78	.73	.70
C85	.22	LIFTING, 26 TON THRU 50 TON	1.06	1.05	1.00	1.00	.99	.98	.97	.95	.93	.91	.88	.89	.86	.85	.84	.78	.73	.71

Equipment Age Adjustment Factors for Standby Cost

Region 1 Life in Years =			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment Purchase year =			2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003
C85	.23	LIFTING, 51 TON THRU 150 TON	1.06	1.05	1.00	1.00	.99	.98	.97	.95	.93	.92	.89	.89	.87	.86	.84	.79	.74	.72
C85	.24	LIFTING, OVER 150 TON	1.06	1.05	1.00	1.00	.99	.98	.97	.95	.93	.92	.89	.89	.87	.86	.84	.79	.74	.72
C90	.01	UNDER 26 TON	1.06	1.05	1.00	1.00	.99	.98	.97	.95	.93	.92	.88	.89	.86	.85	.84	.79	.74	.72
C90	.02	26 TON THRU 65 TON	1.06	1.05	1.00	1.00	.99	.98	.97	.95	.93	.92	.88	.89	.86	.85	.84	.79	.74	.72
C90	.03	66 TON THRU 125 TON	1.06	1.05	1.00	1.00	.99	.98	.97	.95	.93	.91	.88	.89	.86	.85	.84	.78	.73	.71
C90	.04	OVER 125 TON	1.06	1.05	1.00	1.00	.99	.98	.97	.95	.93	.91	.88	.89	.86	.85	.84	.78	.73	.71
C95	.00	CRANES, TOWER	1.06	1.05	1.00	1.00	.99	.98	.97	.95	.93	.91	.88	.89	.86	.85	.84	.78	.73	.71

Equipment Age Adjustment Factors for Standby Cost

Region 1 Life in Years =			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment Purchase year =			2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003
D10	.10	DRILLS, AIR TRACK (Add cost for drill steel and bit wear)	1.02	1.03	1.01	1.00	.99	.98	.96	.94	.92	.89	.85	.84	.81	.75	.68	.62	.56	.51
D10	.20	DRILLS, HYDRAULIC TRACK (Add cost for drill steel and bit wear)	1.02	1.03	1.01	1.00	.99	.98	.96	.94	.92	.89	.84	.83	.81	.74	.68	.61	.55	.50
D15	.10	DRILLS, HORIZONTAL BORING & GROUND PIERCING (Add cost for drill steel and bit wear)	1.02	1.03	1.01	1.00	.99	.98	.96	.94	.92	.89	.84	.83	.81	.74	.68	.61	.55	.50
D15	.20	DRILLS, HORIZONTAL & DIRECTIONAL (Add cost for drill steel and bit wear)	1.02	1.03	1.01	1.00	.99	.98	.96	.94	.92	.89	.84	.83	.81	.74	.68	.61	.55	.50
D20	.00	DRILLS, CORE, COLUMN MOUNTED (Add cost for drill steel and bit wear)	1.02	1.03	1.01	1.00	.99	.98	.96	.94	.92	.88	.84	.83	.80	.74	.67	.61	.55	.50
D25	.00	DRILLS, CORE & DOWELLING (Add cost for drill steel and bit wear)	1.02	1.03	1.01	1.00	.99	.98	.96	.94	.92	.89	.84	.83	.81	.74	.68	.61	.55	.50

Equipment Age Adjustment Factors for Standby Cost

Region 1 Life in Years =			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment Purchase year =			2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003
D30	.00	DRILLS, EARTH / AUGER (Add cost for drill steel, cutting edge wear, and crane when applicable)	1.02	1.03	1.01	1.00	.99	.98	.96	.94	.92	.89	.84	.83	.81	.74	.68	.61	.55	.50
D35	.11	DIESEL, 4.5" THRU 9.875" DIAMETER HOLE (Add cost for drill steel and bit wear)	1.02	1.03	1.01	1.00	.99	.98	.96	.94	.93	.89	.85	.85	.82	.76	.70	.64	.58	.53
D35	.12	DIESEL, OVER 9.875" DIAMETER (Add cost for drill steel and bit wear)	1.02	1.03	1.01	1.00	.99	.98	.96	.94	.93	.89	.86	.85	.82	.76	.70	.64	.58	.54
D35	.21	ELECTRIC, 4.5" THRU 9.875" DIAMETER HOLE (Add cost for drill steel and bit wear)	1.02	1.03	1.01	1.00	.99	.98	.96	.94	.93	.89	.85	.85	.82	.76	.70	.64	.58	.53
D35	.22	ELECTRIC, OVER 9.875" DIAMETER (Add cost for drill steel and bit wear)	1.02	1.03	1.01	1.00	.99	.98	.96	.94	.93	.89	.86	.85	.82	.76	.70	.64	.58	.54
F10	.00	FORK LIFTS	1.09	1.07	1.01	1.00	.99	.98	.96	.94	.91	.87	.83	.83	.80	.77	.74	.70	.65	.62

Equipment Age Adjustment Factors for Standby Cost

Region 1 Life in Years =			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment Purchase year =			2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003
G10	.10	PORTABLE	1.06	1.05	1.03	1.00	.99	1.00	1.00	.99	.98	.95	.89	.87	.85	.80	.76	.72	.68	.67
G10	.20	SKID MOUNTED	1.06	1.05	1.03	1.00	.99	1.00	1.00	.99	.98	.95	.89	.87	.85	.80	.76	.72	.68	.67
G15	.00	GRADERS, MOTOR	1.08	1.05	1.00	1.00	.99	.98	.96	.94	.90	.80	.76	.74	.69	.66	.65	.61	.58	.55
H10	.00	HAMMERS, HYDRAULIC (Demolition tool) (Add cost for point wear)	1.09	1.07	1.01	1.00	.99	.98	.96	.94	.91	.87	.83	.83	.80	.76	.74	.70	.64	.61
H13	.11	COMPACTORS (Compression force) 0 THRU 50 TONS	1.09	1.06	1.01	1.00	.99	.98	.96	.95	.92	.88	.84	.84	.81	.78	.76	.72	.67	.64
H13	.12	COMPACTORS (Compression force) OVER 50 TONS	1.09	1.07	1.01	1.00	.99	.98	.96	.94	.91	.87	.84	.83	.80	.77	.75	.71	.65	.62
H13	.21	FILTER PRESSES, STATIONARY	1.09	1.07	1.01	1.00	.99	.98	.96	.94	.91	.87	.83	.83	.80	.77	.74	.70	.65	.62

Equipment Age Adjustment Factors for Standby Cost

Region 1 Life in Years =			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment Purchase year =			2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003
H13	.22	FILTER PRESSES, MOBILE	1.09	1.06	1.01	1.00	.99	.98	.96	.95	.92	.88	.84	.84	.81	.78	.76	.72	.67	.64
H13	.30	CENTRIFUGES	1.09	1.07	1.01	1.00	.99	.98	.96	.94	.91	.86	.83	.83	.80	.76	.74	.70	.64	.61
H13	.40	SHREDDERS	1.09	1.06	1.01	1.00	.99	.98	.96	.95	.92	.88	.84	.84	.81	.78	.76	.72	.67	.64
H13	.51	SOIL TREATMENT PLANT, MOBILE	1.09	1.06	1.01	1.00	.99	.98	.96	.95	.92	.88	.84	.84	.81	.78	.76	.72	.67	.64
H13	.61	SLUDGE PROCESSING EQUIP, SLUDGE DISPENSERS	1.09	1.06	1.01	1.00	.99	.98	.96	.95	.92	.88	.84	.84	.81	.78	.76	.72	.67	.64
H13	.71	WASTE HANDLING EQUIPMENT, DRUM HANDLING	1.09	1.06	1.01	1.00	.99	.98	.96	.95	.92	.87	.84	.84	.81	.78	.76	.72	.66	.64
H20	.00	HOISTS & AIR WINCHES	1.09	1.07	1.01	1.00	.99	.98	.96	.94	.91	.87	.83	.83	.80	.77	.74	.70	.65	.62

Equipment Age Adjustment Factors for Standby Cost

Region 1 Life in Years =			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment Purchase year =			2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003
H25	.10	0 LBS THRU 12,500 LBS	1.07	1.05	1.00	1.00	.99	.98	.96	.95	.92	.90	.87	.87	.84	.83	.82	.76	.70	.68
H25	.11	OVER 12,500 LBS THRU 40,000 LBS	1.07	1.05	1.00	1.00	.99	.98	.96	.95	.92	.90	.87	.87	.84	.83	.82	.76	.70	.68
H25	.12	OVER 40,000 LBS THRU 100,000 LBS	1.07	1.05	1.00	1.00	.99	.98	.96	.95	.92	.91	.87	.88	.85	.84	.82	.76	.71	.68
H25	.13	OVER 100,000 LBS THRU 160,000 LBS	1.07	1.05	1.00	1.00	.99	.98	.96	.95	.92	.91	.87	.88	.85	.84	.82	.77	.71	.69
H25	.14	OVER 160,000 LBS	1.07	1.05	1.00	1.00	.99	.98	.96	.95	.92	.91	.87	.88	.85	.84	.83	.77	.71	.69
H25	.21	EXCAVATOR ATTACHMENTS, MOBILE SHEARS	1.09	1.06	1.01	1.00	.99	.98	.96	.95	.92	.87	.84	.84	.81	.78	.76	.72	.67	.64
H25	.22	EXCAVATOR ATTACHMENTS, MATERIAL HANDLING	1.09	1.07	1.01	1.00	.99	.98	.96	.94	.91	.87	.83	.83	.80	.76	.74	.70	.64	.61

Equipment Age Adjustment Factors for Standby Cost

Region 1 Life in Years =			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment Purchase year =			2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003
H25	.23	EXCAVATOR ATTACHMENTS, CONCRETE PULVERIZERS	1.09	1.06	1.01	1.00	.99	.98	.96	.95	.92	.87	.84	.84	.81	.78	.76	.72	.67	.64
H25	.24	EXCAVATOR ATTACHMENTS, COMPACTORS	1.09	1.06	1.01	1.00	.99	.98	.96	.95	.92	.87	.84	.84	.81	.78	.76	.72	.67	.64
H30	.01	0 THRU 1.0 CY	1.07	1.05	1.00	1.00	.99	.98	.96	.95	.92	.90	.87	.87	.84	.83	.82	.76	.70	.68
H30	.02	OVER 1.0 CY	1.07	1.05	1.00	1.00	.99	.98	.96	.95	.92	.90	.87	.87	.84	.83	.82	.76	.70	.68
H35	.11	DIESEL, 0 CY THRU 5.0 CY	1.06	1.05	1.00	1.00	.99	.98	.97	.95	.93	.91	.88	.88	.86	.85	.83	.78	.72	.70
H35	.12	DIESEL, OVER 5.0 CY	1.06	1.05	1.00	1.00	.99	.98	.97	.95	.93	.91	.88	.88	.86	.85	.83	.78	.73	.70
H35	.21	ELECTRIC, OVER 2.5 CY	1.06	1.05	1.00	1.00	.99	.98	.97	.95	.93	.91	.88	.89	.86	.85	.84	.78	.73	.71

Equipment Age Adjustment Factors for Standby Cost

Region 1 Life in Years =			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment Purchase year =			2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003
L10	.00	LAND CLEARING EQUIPMENT	1.11	1.08	1.01	1.00	.99	.98	.98	.96	.92	.87	.83	.83	.80	.77	.75	.72	.67	.65
L15	.00	LANDSCAPING EQUIPMENT	1.09	1.06	1.01	1.00	.99	.98	.96	.95	.92	.87	.84	.84	.81	.78	.76	.72	.66	.64
L20	.10	LIGHTING SETS, TRAILER MOUNTED	1.09	1.07	1.01	1.00	.99	.98	.96	.94	.91	.87	.83	.83	.80	.77	.74	.70	.65	.62
L25	.00	LINE STRIPING EQUIPMENT	1.09	1.07	1.01	1.00	.99	.98	.96	.94	.91	.87	.83	.83	.80	.77	.74	.70	.65	.62
L30	.00	LOADERS, BELT (Conveyor belts) & ACCESSORIES	1.09	1.07	1.01	1.00	.99	.98	.96	.94	.91	.87	.83	.83	.80	.77	.74	.70	.65	.62
L35	.00	LOADERS, FRONT END, CRAWLER TYPE	1.11	1.08	1.01	1.00	.99	.98	.98	.96	.92	.87	.83	.83	.80	.77	.75	.72	.67	.65
L40	.11	ARTICULATED, 0 THRU 225 HP	1.12	1.09	1.01	1.00	.99	.98	.97	.96	.92	.86	.82	.82	.79	.76	.74	.70	.65	.62

Equipment Age Adjustment Factors for Standby Cost

Region 1 Life in Years =			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment Purchase year =			2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003
L40	.12	ARTICULATED, OVER 225 HP	1.11	1.08	1.01	1.00	.99	.98	.98	.96	.92	.87	.83	.83	.81	.77	.76	.72	.68	.65
L40	.20	SKID STEER	1.11	1.08	1.01	1.00	.99	.98	.98	.96	.92	.87	.83	.83	.80	.77	.75	.71	.67	.64
L40	.21	SKID STEER ATTACHMENTS	1.12	1.09	1.01	1.00	.99	.98	.98	.96	.92	.87	.83	.83	.80	.77	.75	.71	.66	.64
L40	.31	TOOL CARRIER & TELESCOPIC HANDLERS, 0 THRU 225 HP	1.12	1.09	1.01	1.00	.99	.98	.97	.96	.92	.86	.82	.82	.79	.76	.74	.70	.65	.62
L40	.32	TOOL CARRIER & TELESCOPIC HANDLERS, OVER 225 HP	1.11	1.08	1.01	1.00	.99	.98	.98	.97	.93	.88	.84	.84	.82	.79	.77	.73	.69	.67
L45	.00	LOADERS / BACKHOE, CRAWLER TYPE	1.11	1.08	1.01	1.00	.99	.98	.98	.96	.92	.87	.83	.83	.80	.77	.75	.71	.67	.64
L50	.00	LOADERS / BACKHOE, WHEEL TYPE	1.12	1.09	1.01	1.00	.99	.98	.97	.96	.92	.86	.82	.82	.79	.76	.74	.70	.65	.62

Equipment Age Adjustment Factors for Standby Cost

Region 1 Life in Years =			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment Purchase year =			2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003
L55	.00	LOADER / BACKHOE, ATTACHMENTS	1.09	1.07	1.01	1.00	.99	.98	.96	.94	.91	.87	.83	.83	.80	.76	.74	.70	.64	.61
L60	.00	LOG SKIDDERS	1.09	1.06	1.03	1.00	.99	.97	.95	.92	.89	.86	.84	.83	.80	.76	.72	.68	.64	.61
M10	.11	AQUATIC MAINTENANCE	1.06	1.04	1.01	1.00	.99	.98	.96	.94	.93	.92	.89	.87	.83	.79	.75	.72	.69	.65
M10	.12	AQUATIC MAINTENANCE ATTACHMENTS	1.07	1.04	1.02	1.00	.99	.98	.96	.94	.92	.91	.88	.86	.82	.78	.74	.70	.67	.62
M10	.21	HYDRAULIC CUTTERHEAD DREDGE, 8" OR LESS, TRANSPORTABLE	1.06	1.04	1.01	1.00	.99	.98	.96	.95	.93	.92	.90	.88	.84	.81	.77	.74	.71	.67
M10	.22	HYDRAULIC CUTTERHEAD DREDGE, 8" - 12", TRANSPORTABLE	1.06	1.04	1.01	1.00	.99	.98	.96	.95	.93	.92	.90	.88	.84	.81	.77	.74	.71	.67
M10	.23	HYDRAULIC AUGERHEAD DREDGE, 12" OR LESS, TRANSPORTABLE	1.06	1.04	1.01	1.00	.99	.98	.96	.95	.93	.92	.90	.88	.84	.81	.77	.74	.71	.67

Equipment Age Adjustment Factors for Standby Cost

Region 1 Life in Years =			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment Purchase year =			2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003
M10	.24	HYDRAULIC FLOATING PUMPS,12" OR LESS,TRANSPORTABLE	1.06	1.04	1.01	1.00	.99	.98	.96	.95	.93	.92	.90	.88	.84	.80	.77	.74	.71	.66
M10	.25	HYDRAULIC DREDGE PUMPS,12" OR LESS,TRANSPORTABLE	1.07	1.04	1.01	1.00	.99	.98	.96	.94	.93	.92	.89	.87	.83	.79	.75	.72	.69	.64
M10	.26	HYDRAULIC DREDGE / PUMP ATTACHMENTS	1.07	1.04	1.01	1.00	.99	.98	.96	.94	.93	.92	.89	.87	.83	.79	.75	.72	.69	.64
M10	.31	SMALL MECH DREDGES,CLAMSHELL,BARGE-MTD TO 5 CY	1.06	1.05	1.00	1.00	.99	.98	.97	.95	.93	.92	.89	.89	.86	.85	.84	.79	.74	.72
M10	.32	SMALL MECH DREDGES, AMPHIBIOUS EXCAVATORS	1.06	1.05	1.00	1.00	.99	.98	.97	.95	.93	.92	.88	.89	.86	.85	.84	.79	.74	.71
M10	.33	SMALL MECH DREDGES,HOE-MOUNTED DREDGING ATTACH	1.06	1.04	1.01	1.00	.99	.98	.96	.94	.93	.92	.90	.87	.83	.80	.76	.73	.70	.65
M10	.41	WORK FLOATS (SECTIONAL, NON-DREDGING)	1.06	1.04	1.01	1.00	.99	.98	.96	.95	.93	.92	.90	.88	.84	.80	.77	.73	.71	.66

Equipment Age Adjustment Factors for Standby Cost

Region 1 Life in Years =			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment Purchase year =			2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003
M10	.42	WORK BARGES (SECTIONAL, NON-DREDGING)	1.06	1.04	1.01	1.00	.99	.98	.97	.95	.93	.92	.90	.88	.84	.81	.77	.74	.72	.67
M10	.45	FLAT-DECK OR CARGO BARGE (NON-DREDGING)	1.06	1.04	1.01	1.00	.99	.98	.97	.95	.94	.93	.91	.89	.85	.82	.79	.76	.73	.69
M10	.46	DUMP SCOW (NON-DREDGING)	1.06	1.04	1.01	1.00	.99	.98	.97	.95	.94	.93	.91	.89	.85	.82	.79	.76	.73	.69
M10	.47	DRILL BARGE (NON-DREDGING)	1.06	1.04	1.01	1.00	.99	.98	.97	.95	.94	.93	.90	.88	.85	.82	.78	.75	.73	.69
M10	.48	ALL OTHER BARGES (NON-DREDGING)	1.06	1.04	1.01	1.00	.99	.98	.97	.95	.94	.93	.90	.88	.85	.82	.78	.75	.73	.69
M10	.51	BOATS & LAUNCHES, 0 THRU 250 HP	1.06	1.04	1.01	1.00	.99	.98	.96	.94	.93	.92	.89	.87	.83	.80	.76	.73	.70	.65
M10	.53	BOATS & LAUNCHES, GREATER THAN 250 HP	1.06	1.04	1.01	1.00	.99	.98	.96	.95	.93	.92	.90	.88	.84	.81	.77	.74	.71	.67

Equipment Age Adjustment Factors for Standby Cost

Region 1 Life in Years =			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment Purchase year =			2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003
M10	.54	TUGS, UNDER 1,000 HP	1.06	1.04	1.01	1.00	.99	.98	.97	.95	.94	.92	.90	.88	.84	.81	.78	.75	.72	.68
M10	.55	TUGS, GREATER THAN 1,000 HP	1.06	1.04	1.01	1.00	.99	.98	.97	.95	.94	.92	.90	.88	.85	.81	.78	.75	.72	.68
P10	.00	PILE HAMMER ACCESSORIES - EXTRACTORS & BOX LEADS	1.11	1.08	1.02	1.00	.99	.97	.95	.93	.89	.83	.79	.79	.75	.71	.68	.63	.56	.52
P20	.10	PILE HAMMERS, DOUBLE ACTING - DIESEL	1.10	1.07	1.01	1.00	.99	.98	.96	.94	.91	.86	.82	.82	.78	.75	.72	.68	.62	.59
P20	.20	PILE HAMMERS, DOUBLE ACTING - PNEUMATIC (STEAM/AIR)	1.09	1.07	1.01	1.00	.99	.98	.96	.94	.91	.87	.83	.83	.80	.76	.74	.70	.64	.61
P25	.10	PILE HAMMERS, SINGLE ACTING - DIESEL	1.09	1.07	1.01	1.00	.99	.98	.96	.94	.91	.87	.83	.83	.80	.76	.74	.70	.64	.61
P25	.20	PILE HAMMERS, SINGLE ACTING - PNEUMATIC (STEAM/AIR)	1.09	1.06	1.01	1.00	.99	.98	.96	.95	.92	.87	.84	.84	.81	.78	.76	.72	.67	.64

Equipment Age Adjustment Factors for Standby Cost

Region 1 Life in Years =			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment Purchase year =			2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003
P30	.00	PILE HAMMERS, DRIVER/ EXTRACTOR, VIBRATORY	1.09	1.07	1.01	1.00	.99	.98	.96	.94	.91	.87	.83	.83	.80	.76	.74	.70	.64	.61
P35	.00	PIPELAYERS	1.11	1.08	1.01	1.00	.99	.98	.98	.96	.92	.87	.83	.83	.81	.77	.76	.72	.68	.65
P40	.00	PLATFORMS & MAN-LIFTS	1.06	1.04	1.00	1.00	.99	.98	.97	.95	.93	.92	.89	.89	.87	.86	.85	.80	.75	.73
P45	.00	PUMPS, GROUT	1.09	1.06	1.01	1.00	.99	.98	.96	.95	.92	.87	.84	.84	.81	.78	.76	.72	.67	.64
P50	.11	ENGINE DRIVE	1.09	1.07	1.01	1.00	.99	.98	.96	.94	.91	.87	.83	.83	.80	.77	.74	.70	.65	.62
P50	.12	ELECTRIC DRIVE	1.09	1.07	1.01	1.00	.99	.98	.96	.94	.91	.87	.83	.83	.80	.77	.74	.70	.65	.62
P50	.21	WHEEL MOUNTED, ENGINE DRIVE	1.09	1.07	1.01	1.00	.99	.98	.96	.94	.91	.87	.83	.83	.80	.77	.74	.70	.65	.62

Equipment Age Adjustment Factors for Standby Cost

Region 1 Life in Years =			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment Purchase year =			2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003
P50	.22	WHEEL MOUNTED, ELECTRIC DRIVE	1.09	1.07	1.01	1.00	.99	.98	.96	.94	.91	.87	.83	.83	.80	.77	.74	.70	.65	.62
P50	.31	PUMPS, WATER, CENTRIFUGAL, TRASH - HOSES, PUMP, SUCTION & DISCHARGE	1.08	1.06	1.01	1.00	.99	.98	.97	.95	.92	.88	.85	.85	.82	.79	.77	.73	.68	.66
P55	.01	ENGINE DRIVE	1.09	1.07	1.01	1.00	.99	.98	.96	.94	.91	.87	.83	.83	.80	.77	.74	.70	.65	.62
P55	.02	ELECTRIC DRIVE (PROVIDE POWER SOURCE)	1.09	1.06	1.01	1.00	.99	.98	.96	.95	.92	.87	.84	.84	.81	.78	.76	.72	.67	.64
P60	.11	SKID MOUNTED, ENGINE DRIVE	1.09	1.07	1.01	1.00	.99	.98	.96	.94	.91	.87	.83	.83	.80	.77	.74	.70	.65	.62
P60	.12	SKID MOUNTED, ELECTRIC DRIVE	1.09	1.06	1.01	1.00	.99	.98	.96	.95	.92	.87	.84	.84	.81	.78	.76	.72	.67	.64

Equipment Age Adjustment Factors for Standby Cost

Region 1 Life in Years =			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment Purchase year =			2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003
P60	.21	WHEEL MOUNTED, ENGINE DRIVE	1.09	1.07	1.01	1.00	.99	.98	.96	.94	.91	.87	.83	.83	.80	.77	.74	.70	.65	.62
P60	.22	WHEEL MOUNTED, ELECTRIC DRIVE	1.09	1.06	1.01	1.00	.99	.98	.96	.95	.92	.87	.84	.84	.81	.78	.76	.72	.67	.64
P65	.11	SKID MOUNTED, ENGINE DRIVE	1.09	1.07	1.01	1.00	.99	.98	.96	.94	.91	.87	.83	.83	.80	.77	.74	.70	.65	.62
P65	.12	SKID MOUNTED, ELECTRIC DRIVE	1.09	1.06	1.01	1.00	.99	.98	.96	.95	.92	.87	.84	.84	.81	.78	.76	.72	.67	.64
P65	.21	WHEEL MOUNTED, ENGINE DRIVE	1.09	1.07	1.01	1.00	.99	.98	.96	.94	.91	.87	.83	.83	.80	.77	.74	.70	.65	.62
P65	.22	WHEEL MOUNTED, ELECTRIC DRIVE	1.09	1.06	1.01	1.00	.99	.98	.96	.95	.92	.87	.84	.84	.81	.78	.76	.72	.67	.64
P70	.01	PUMPS, WATER (For core drills) - ENGINE DRIVE	1.10	1.07	1.01	1.00	.99	.98	.96	.94	.91	.86	.82	.82	.79	.75	.73	.68	.62	.59

Equipment Age Adjustment Factors for Standby Cost

Region 1 Life in Years =			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment Purchase year =			2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003
P70	.02	PUMPS, WATER (For core drills) - ELECTRIC DRIVE	1.10	1.07	1.01	1.00	.99	.98	.96	.94	.91	.86	.82	.82	.79	.75	.73	.68	.62	.59
R10	.00	RIPPERS (Add cost for point wear)	1.11	1.08	1.01	1.00	.99	.98	.98	.96	.92	.87	.83	.83	.80	.77	.75	.71	.67	.64
R15	.00	ROLLERS, STATIC, TOWED, PNEUMATIC	1.09	1.06	1.04	1.00	.99	.97	.95	.91	.89	.86	.83	.83	.80	.75	.70	.66	.63	.59
R20	.00	ROLLERS, STATIC, TOWED, STEEL DRUM	1.09	1.06	1.04	1.00	.99	.97	.95	.91	.89	.86	.83	.83	.80	.75	.70	.66	.63	.59
R30	.01	PNEUMATIC	1.09	1.06	1.04	1.00	.99	.97	.95	.92	.89	.87	.84	.84	.81	.76	.72	.68	.65	.61
R30	.02	SMOOTH DRUM	1.09	1.06	1.03	1.00	.99	.97	.95	.92	.90	.87	.84	.84	.81	.76	.72	.68	.65	.61
R30	.03	TAMPING FOOT, LANDFILL & SOIL COMPACTORS	1.09	1.06	1.04	1.00	.99	.97	.95	.91	.89	.86	.83	.83	.80	.75	.71	.66	.63	.59

Equipment Age Adjustment Factors for Standby Cost

Region 1 Life in Years =			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment Purchase year =			2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003
R40	.00	ROLLERS, VIBRATORY, TOWED	1.09	1.06	1.04	1.00	.99	.97	.95	.91	.89	.86	.83	.83	.79	.75	.70	.66	.62	.59
R45	.00	ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM	1.09	1.06	1.04	1.00	.99	.97	.95	.91	.89	.86	.83	.83	.79	.75	.70	.66	.62	.59
R50	.00	ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM	1.10	1.07	1.04	1.00	.99	.97	.94	.91	.88	.85	.82	.81	.78	.73	.68	.64	.60	.56
R55	.00	ROOFING EQUIPMENT	1.09	1.06	1.01	1.00	.99	.98	.96	.95	.92	.87	.84	.84	.81	.78	.76	.72	.67	.64
S10	.01	0 THRU 200 HP	1.07	1.05	1.00	1.00	.99	.98	.96	.94	.90	.81	.77	.75	.71	.67	.66	.63	.59	.57
S10	.02	OVER 200 HP	1.08	1.05	1.00	1.00	.99	.98	.96	.94	.90	.80	.76	.74	.69	.66	.64	.61	.57	.55
S15	.00	SCRAPERS, CONVENTIONAL	1.07	1.05	1.00	1.00	1.00	.98	.96	.94	.90	.81	.77	.76	.71	.68	.67	.64	.60	.58

Equipment Age Adjustment Factors for Standby Cost

Region 1 Life in Years =			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment Purchase year =			2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003
S20	.00	SCRAPERS, TANDEM POWERED	1.07	1.05	1.00	1.00	1.00	.98	.96	.94	.90	.81	.77	.76	.71	.68	.67	.64	.60	.58
S25	.00	SCRAPERS, TRACTOR DRAWN	1.07	1.05	1.00	1.00	1.00	.98	.96	.94	.90	.81	.77	.75	.71	.68	.66	.63	.60	.57
S30	.10	CONVEYORS	1.08	1.06	1.01	1.00	.99	.98	.97	.95	.92	.88	.85	.85	.82	.79	.77	.74	.69	.66
S30	.20	CRUSHERS - VERTICAL & HORIZONTAL SHAFT IMPACTOR	1.08	1.06	1.01	1.00	.99	.98	.97	.95	.92	.88	.85	.85	.83	.80	.78	.74	.69	.67
S30	.21	CRUSHERS - CONE	1.08	1.06	1.01	1.00	.99	.98	.97	.95	.92	.88	.85	.85	.83	.80	.78	.74	.69	.67
S30	.22	CRUSHERS - JAW	1.08	1.06	1.01	1.00	.99	.98	.97	.95	.92	.88	.85	.85	.83	.80	.78	.74	.69	.67
S30	.30	SCREENING PLANT	1.08	1.06	1.01	1.00	.99	.98	.97	.95	.92	.88	.85	.85	.82	.79	.77	.74	.69	.66

Equipment Age Adjustment Factors for Standby Cost

Region 1 Life in Years =			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment Purchase year =			2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003
S35	.00	SNOW REMOVAL EQUIPMENT	1.09	1.07	1.01	1.00	.99	.98	.96	.94	.91	.87	.83	.83	.80	.77	.74	.70	.65	.62
S40	.00	SOIL & ROAD STABILIZERS	1.07	1.05	1.00	1.00	.99	.98	.96	.94	.90	.81	.77	.75	.71	.67	.66	.63	.59	.57
S45	.00	SPLITTERS, ROCK & CONCRETE	1.09	1.07	1.01	1.00	.99	.98	.96	.94	.91	.87	.83	.83	.80	.76	.74	.70	.64	.61
T10	.00	TRACTOR BLADES & ATTACHMENTS (including agricultural)	1.11	1.08	1.01	1.00	.99	.98	.98	.96	.92	.87	.83	.83	.80	.77	.75	.72	.67	.65
T15	.01	0 THRU 225 HP	1.13	1.10	1.02	1.00	.99	.98	.97	.96	.91	.85	.80	.81	.78	.74	.72	.68	.63	.60
T15	.02	226 HP THRU 425 HP	1.12	1.09	1.01	1.00	.99	.98	.97	.96	.92	.86	.82	.82	.79	.76	.74	.70	.65	.63
T15	.03	OVER 425 HP	1.11	1.08	1.01	1.00	.99	.98	.98	.96	.92	.87	.83	.83	.81	.78	.76	.72	.68	.65

Equipment Age Adjustment Factors for Standby Cost

Region 1 Life in Years =			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment Purchase year =			2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003
T20	.00	TRACTORS, WHEEL TYPE (DOZER)	1.09	1.06	1.03	1.00	.99	.97	.95	.92	.90	.86	.84	.83	.80	.76	.72	.68	.65	.61
T25	.10	CRAWLER	1.09	1.06	1.03	1.00	.99	.97	.95	.92	.89	.86	.84	.83	.80	.76	.72	.68	.64	.61
T25	.20	WHEEL	1.09	1.06	1.04	1.00	.99	.97	.95	.92	.89	.86	.84	.83	.80	.76	.72	.68	.64	.61
T30	.00	TRENCHERS, CHAIN TYPE CUTTER	1.09	1.06	1.04	1.00	.99	.97	.95	.91	.89	.86	.83	.83	.79	.75	.70	.66	.63	.56
T35	.00	TRENCHERS, WHEEL TYPE CUTTER	1.09	1.06	1.04	1.00	.99	.97	.95	.91	.89	.86	.83	.83	.79	.75	.70	.66	.63	.56
T40	.10	CRANES / HOISTS, PERSONNEL & MATERIAL HANDLING	1.09	1.07	1.01	1.00	.99	.98	.96	.94	.91	.87	.83	.83	.80	.77	.74	.70	.65	.62
T40	.20	DUMP BODY, REAR	1.08	1.06	1.01	1.00	.99	.98	.97	.95	.92	.88	.85	.85	.82	.79	.77	.74	.69	.66

Equipment Age Adjustment Factors for Standby Cost

Region 1 Life in Years =			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment Purchase year =			2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003
T40	.30	FLATBEDS, WITH SIDES	1.09	1.07	1.01	1.00	.99	.98	.96	.94	.91	.87	.83	.83	.80	.77	.74	.70	.65	.62
T40	.41	HOIST, ELECTRIC DRIVE	1.09	1.07	1.01	1.00	.99	.98	.96	.94	.91	.87	.83	.83	.80	.77	.74	.70	.65	.62
T40	.50	TRANSIT MIXERS	1.09	1.06	1.01	1.00	.99	.98	.96	.95	.92	.87	.84	.84	.81	.78	.76	.72	.67	.64
T40	.60	WATER TANKS	1.10	1.07	1.01	1.00	.99	.98	.96	.94	.91	.86	.82	.82	.79	.75	.73	.68	.62	.59
T40	.70	ALL OTHER OPTIONS	1.09	1.07	1.01	1.00	.99	.98	.96	.94	.91	.87	.83	.83	.80	.77	.74	.70	.65	.62
T45	.10	BOTTOM DUMP	1.08	1.06	1.01	1.00	.99	.98	.97	.95	.92	.88	.85	.85	.82	.79	.77	.74	.69	.66
T45	.20	END / SIDE DUMP	1.08	1.06	1.01	1.00	.99	.98	.97	.95	.92	.88	.85	.85	.82	.79	.77	.74	.69	.66

Equipment Age Adjustment Factors for Standby Cost

Region 1 Life in Years =			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment Purchase year =			2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003
T45	.30	PUP TRAILER	1.08	1.06	1.01	1.00	.99	.98	.97	.95	.92	.88	.85	.85	.82	.79	.77	.74	.69	.66
T45	.41	LOWBOY, RIGID NECK, DROP DECK	1.08	1.06	1.01	1.00	.99	.98	.97	.95	.92	.88	.85	.85	.82	.79	.77	.74	.69	.66
T45	.50	FLATBED TRAILER	1.08	1.06	1.01	1.00	.99	.98	.97	.95	.92	.88	.85	.85	.82	.79	.77	.74	.69	.66
T45	.60	MISCELLANEOUS / UTILITY	1.08	1.06	1.01	1.00	.99	.98	.97	.95	.92	.88	.85	.85	.82	.79	.77	.74	.69	.66
T45	.70	WATER TANKER TRAILER	1.10	1.07	1.01	1.00	.99	.98	.96	.94	.91	.86	.82	.82	.79	.75	.73	.68	.63	.59
T45	.80	DECONTAMINATION FACILITY	1.10	1.07	1.01	1.00	.99	.98	.96	.94	.91	.86	.82	.82	.79	.75	.73	.68	.62	.59
T45	.90	TANK TRAILERS	1.10	1.07	1.01	1.00	.99	.98	.96	.94	.91	.86	.82	.82	.79	.75	.73	.68	.63	.59

Equipment Age Adjustment Factors for Standby Cost

Region 1 Life in Years =			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment Purchase year =			2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003
T50	.01	0 THRU 10,000 GVW	1.06	1.04	1.00	1.00	.99	.97	.94	.92	.89	.83	.80	.77	.73	.70	.67	.64	.60	.58
T50	.02	OVER 10,000 THRU 30,000 GVW (Chassis only - Add options)	1.06	1.04	1.00	1.00	.99	.97	.94	.92	.89	.83	.80	.78	.73	.70	.67	.64	.60	.59
T50	.03	OVER 30,000 GVW (Chassis only - Add options)	1.06	1.04	1.00	1.00	.99	.97	.94	.92	.89	.83	.80	.78	.73	.70	.68	.64	.61	.59
T55	.10	RIGID FRAME	1.10	1.08	1.03	1.00	.99	.98	.96	.94	.93	.91	.89	.89	.87	.83	.81	.77	.70	.66
T55	.20	ARTICULATED FRAME	1.10	1.09	1.03	1.00	.99	.98	.95	.94	.93	.90	.89	.88	.87	.83	.81	.76	.70	.66
T56	.10	PRIME MOVER TRACTORS	1.10	1.08	1.03	1.00	.99	.98	.96	.94	.93	.91	.89	.89	.87	.83	.81	.77	.70	.66
T56	.20	WAGONS, BOTTOM DUMP	1.11	1.09	1.03	1.00	.99	.98	.95	.93	.92	.90	.88	.88	.86	.82	.80	.75	.68	.64

Equipment Age Adjustment Factors for Standby Cost

Region 1 Life in Years =			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment Purchase year =			2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003
T56	.30	WAGONS, REAR DUMP	1.11	1.09	1.03	1.00	.99	.98	.95	.93	.92	.90	.88	.88	.86	.82	.80	.75	.68	.63
T57	.00	TRUCKS, VACUUM	1.09	1.07	1.01	1.00	.99	.98	.96	.94	.91	.87	.83	.83	.80	.77	.74	.70	.65	.62
T60	.00	TRUCKS, WATER, OFF-HIGHWAY	1.11	1.09	1.03	1.00	.99	.98	.95	.93	.92	.90	.88	.88	.86	.82	.80	.75	.68	.63
T65	.10	DRIFTING & TUNNELING DRILLS	1.02	1.03	1.01	1.00	.99	.98	.96	.94	.93	.90	.86	.85	.83	.77	.71	.65	.60	.56
T65	.20	TUNNEL BORING MACHINES	1.08	1.06	1.01	1.00	.99	.98	.97	.95	.92	.88	.85	.84	.81	.78	.76	.73	.67	.65
T65	.30	PRODUCTION DRILLING RIGS	1.02	1.03	1.01	1.00	.99	.98	.96	.94	.93	.90	.86	.85	.83	.77	.71	.65	.60	.56
T65	.40	ROADHEADERS & CONTINUOUS MINERS	1.08	1.06	1.01	1.00	.99	.98	.97	.95	.92	.88	.85	.84	.81	.78	.76	.72	.67	.65

Equipment Age Adjustment Factors for Standby Cost

Region 1 Life in Years =			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment Purchase year =			2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003
T65	.50	ROCK BOLTING EQUIPMENT	1.09	1.07	1.01	1.00	.99	.98	.96	.94	.91	.87	.83	.83	.80	.77	.74	.70	.65	.62
T65	.61	LOADING & HAULING EQUIPMENT, DIESEL OR GAS	1.09	1.07	1.01	1.00	.99	.98	.96	.94	.91	.87	.84	.83	.80	.77	.75	.71	.65	.62
T65	.62	LOADING & HAULING EQUIPMENT, ELECTRIC	1.09	1.07	1.01	1.00	.99	.98	.96	.94	.91	.87	.84	.83	.80	.77	.75	.71	.65	.62
T65	.63	LOADING & HAULING EQUIPMENT, AIR-POWERED	1.10	1.07	1.01	1.00	.99	.98	.96	.94	.91	.86	.82	.82	.79	.75	.73	.68	.63	.59
T65	.70	LOCOMOTIVES	1.09	1.07	1.01	1.00	.99	.98	.96	.94	.91	.87	.84	.83	.80	.77	.75	.71	.65	.62
T65	.90	OTHER TUNNELING EQUIPMENT	1.09	1.07	1.01	1.00	.99	.98	.96	.94	.91	.87	.83	.83	.80	.77	.74	.70	.65	.62
W10	.00	WAGONS, BOTTOM DUMP	1.10	1.09	1.03	1.00	.99	.98	.95	.94	.93	.90	.89	.88	.87	.83	.81	.76	.70	.65

Equipment Age Adjustment Factors for Standby Cost

Region	1	Life in Years =	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment		Purchase year =	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003
W15	.00	WAGONS, REAR DUMP	1.10	1.09	1.03	1.00	.99	.98	.95	.94	.93	.90	.89	.88	.87	.83	.81	.76	.70	.65
W25	.10	LOW PRESSURE, (< 5,000 PSI)	1.09	1.07	1.01	1.00	.99	.98	.96	.94	.91	.86	.83	.83	.80	.76	.74	.70	.64	.61
W25	.20	HIGH PRESSURE, (>= 5,000 PSI)	1.09	1.07	1.01	1.00	.99	.98	.96	.94	.91	.86	.83	.83	.80	.76	.74	.70	.64	.61
W25	.30	STEAM CLEANERS	1.09	1.07	1.01	1.00	.99	.98	.96	.94	.91	.86	.83	.83	.80	.76	.74	.70	.64	.61
W25	.40	CO2 BLASTERS	1.09	1.07	1.01	1.00	.99	.98	.96	.94	.91	.87	.83	.83	.80	.76	.74	.70	.64	.61
W25	.50	WET ABRASIVE BLASTING SYSTEM (TORBO)	1.11	1.08	1.01	1.00	.99	.97	.95	.93	.89	.84	.80	.79	.76	.72	.69	.64	.57	.53
W30	.10	PORTABLE WITH WHEELS	1.11	1.09	1.03	1.00	.99	.98	.95	.93	.92	.90	.88	.88	.86	.82	.80	.75	.68	.63

Equipment Age Adjustment Factors for Standby Cost

Region 1 Life in Years =			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment Purchase year =			2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003
W30	.20	SKID MOUNTED	1.11	1.09	1.03	1.00	.99	.98	.95	.93	.92	.90	.88	.88	.86	.82	.80	.75	.68	.63
W35	.10	ENGINE DRIVEN	1.10	1.07	1.01	1.00	.99	.98	.96	.94	.91	.86	.82	.82	.79	.75	.73	.68	.62	.59
W35	.20	ELECTRIC DRIVEN	1.09	1.07	1.01	1.00	.99	.98	.96	.94	.91	.87	.83	.83	.80	.76	.74	.70	.64	.61