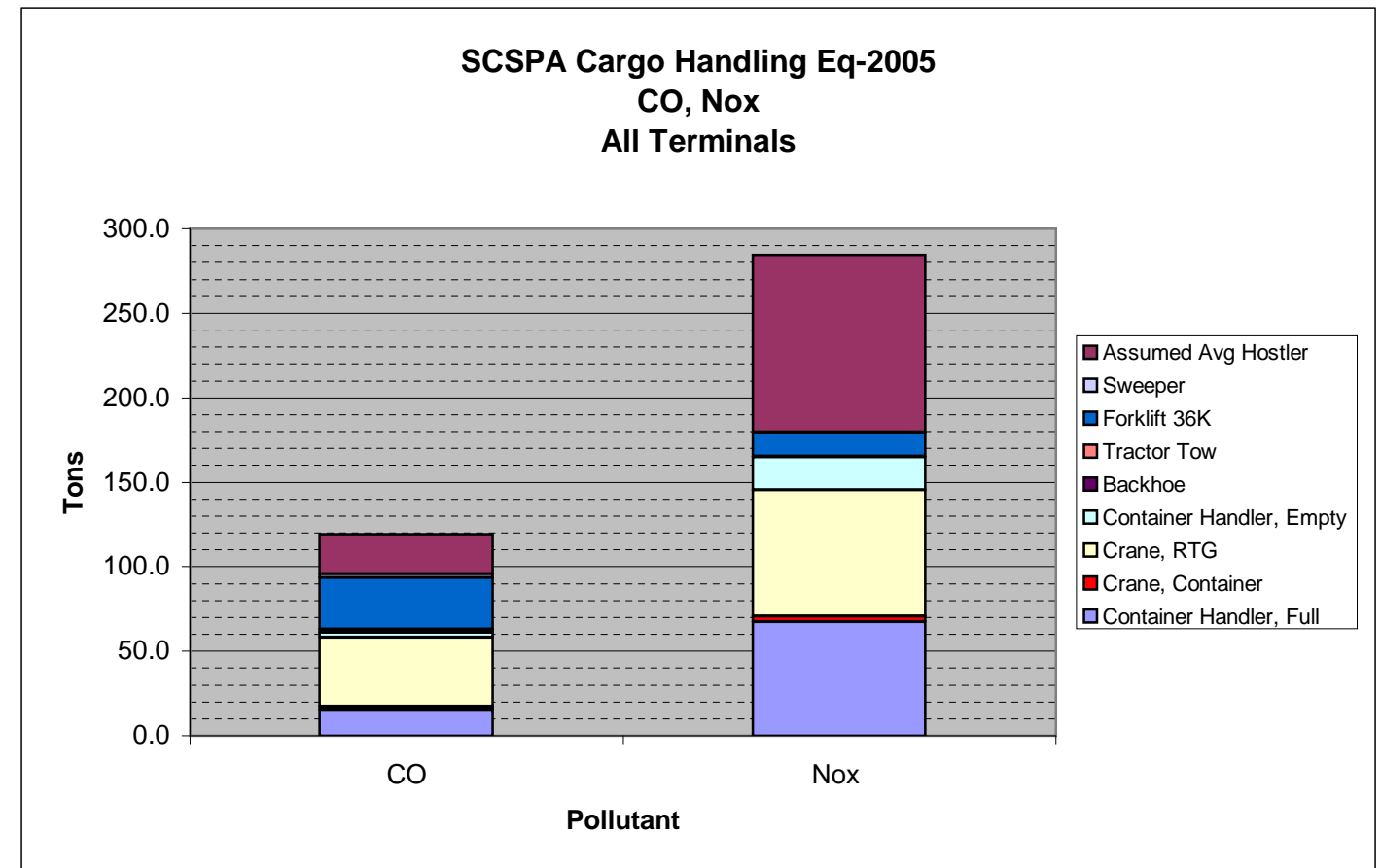
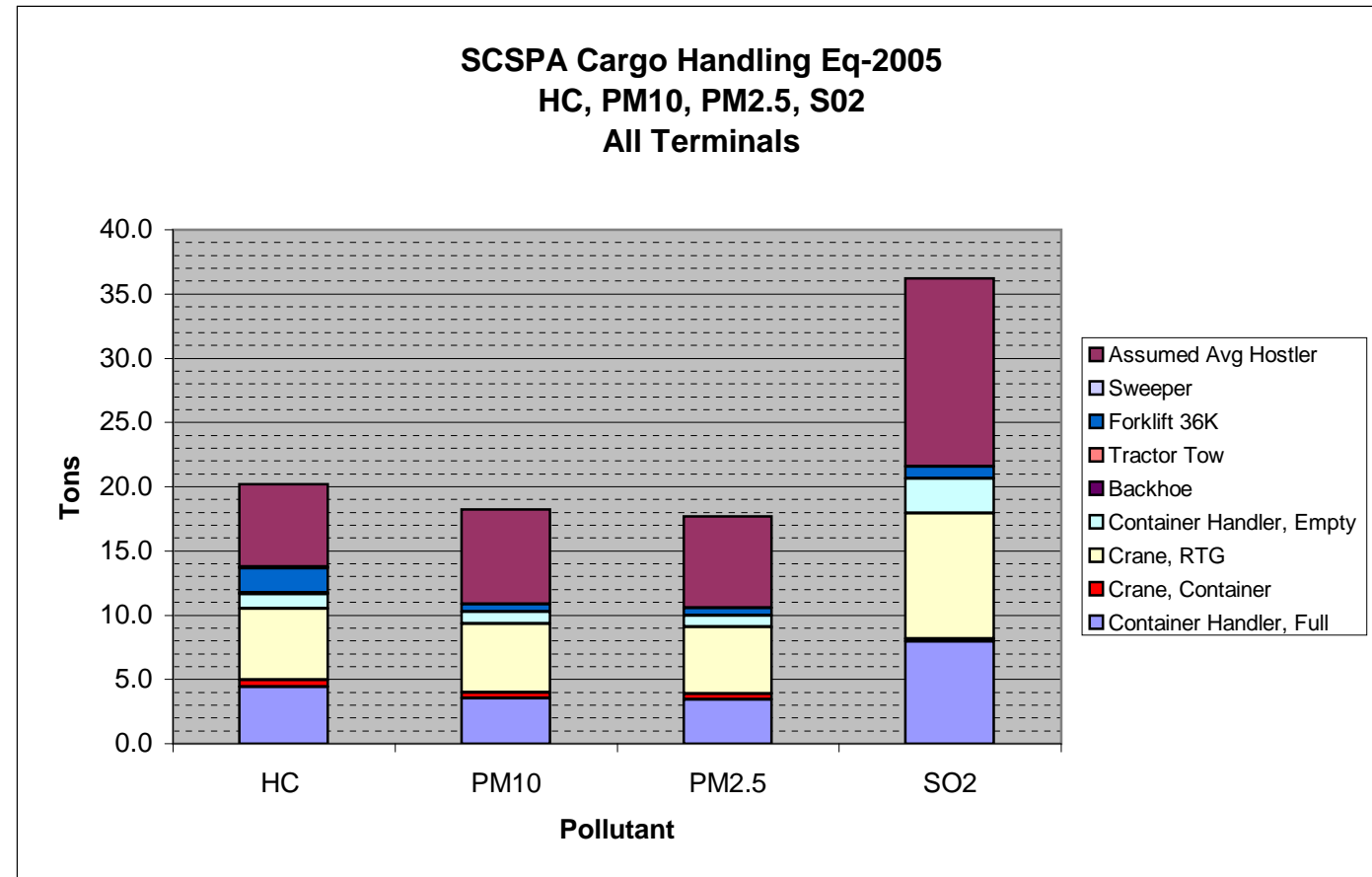


**2005 South Carolina State Port Authority (SCSPA)  
Cargo Handling Equipment Emissions  
All Terminals**

		number equipment	Avg Hp	Avg Hrs	Total hrs	Avg Year	Avg Age yrs	HC tons	CO tons	Nox tons	PM10 tons	PM2.5 tons	SO2 tons	CO2 tons	Total Installed HP-Hrs	Total Hp-hrs	Avg Load Factor
1	Container Handler, Full	42	259	2,097	88,074	1998	7	4.4	15.6	67.3	3.5	3.4	8.0	5,699.3	22,698,340	9,760,286	0.43
2	Crane, Container	5	840	212	1,062	1980	25	0.5	1.7	3.2	0.5	0.4	0.2	128.1	895,000	187,950	0.21
3	Crane, RTG	30	621	2,559	76,770	1998	7	5.5	40.8	74.9	5.4	5.2	9.8	6,989.2	48,312,045	10,145,529	0.21
4	Container Handler, Empty	16	228	2,064	33,021	2000	5	1.2	3.0	19.6	0.9	0.9	2.7	1,924.8	7,661,581	3,294,480	0.43
5	Backhoe	1	90	50	50	1997	8	0.0	0.0	0.0	0.0	0.0	0.0	0.7	4,500	945	0.21
6	Tractor Tow	2	80	357	714	2000	5	0.1	1.7	0.4	0.0	0.0	0.0	24.3	56,160	30,326	0.54
7	Forklift 36K	71	103	461	32,748	1996	9	1.9	30.8	13.8	0.6	0.6	0.9	1,067.3	3,612,226	1,620,303	0.45
8	Sweeper	8	56	118	940	1999	6	0.1	2.1	0.5	0.0	0.0	0.0	30.3	53,353	37,881	0.71
9	Assumed Avg Hostler	59	250	2,032	120,268	2001	4	6.4	23.7	104.8	7.4	7.1	14.7	10,476.9	30,067,000	17,739,530	0.59
<b>Totals</b>		<b>234</b>			<b>353,647</b>			<b>20.2</b>	<b>119.4</b>	<b>284.5</b>	<b>18.2</b>	<b>17.7</b>	<b>36.2</b>	<b>26,341</b>	<b>113,360,205</b>	<b>42,817,231</b>	<b>0.38</b>

496.2

Aggregate gr/b-hp 0.43 2.53 6.03 0.39 0.77 558.10



Note: Hostlers are not operated by SPA. Hostler hours we estimated assuming 4 hostlers hours per dock crane hour. Number of Hostlers was based on an estimate of annual operating hours from other reports



Table A-1 Raw Data List of all Equipment Greater than 25 Horsepower

		Current Year 2005						Zero Hour, EF, CI Engines										Load Factor				Deterioration Adjuster												
Type	Equip. No.	Terminal	YR	TIER	BHP	Fuel	Non-Road CI Tier (B,T0,T1,T2, T3,T3B,T4A, T4B,T4,T4N)		Non-Road SCC Code (10 digit code)	Non-Road SCC Code Title	Tier Column Count (columns over)	Model Year	Age (yrs)	Non-Road Expected Diesel Sulfur Content (ppm)	Diesel Sulfur Content Override (ppm)	In-Use Diesel Sulfur Content (ppm)	In-Use Diesel Sulfur Content (%)	BSFC (lb/hp-hr)	HC gr/hp-hr	CO gr/hp-hr	gr/hp-hr	NOx gr/hp-hr	PM gr/hp-hr	Non-Road Factor	Load Factor	Load Factor	Non-road Annual Activity (hrs)	Non-road Median Life at Full Load (hrs)	HC unitless	CO unitless	NOx unitless	PM unitless	Assumed Cumul Hrs	Frac of Useable Life (limit 1)
<b>Diesel</b>																																		
1	Container Handler, Full	H-01-034	CST	1990	n/a	250	Diesel	917	T0	2270003040	Diesel Other General Industrial Equipmen	8	1990	15	2283		2283	0.2283%	0.367	0.68	2.7	8.38	0.4	0.43	0.43	0.43	878	4,667	0.047	0.185	0.024	0.473	13,170	121.3%
1	Container Handler, Full	H-01-052	CST	1995	n/a	250	Diesel	340	T0	2270003040	Diesel Other General Industrial Equipmen	8	1995	10	2283		2283	0.2283%	0.367	0.68	2.7	8.38	0.4	0.43	0.43	0.43	878	4,667	0.047	0.185	0.024	0.473	8,780	80.9%
1	Container Handler, Full	H-01-057	CST	1996	n/a	250	Diesel	571	T1	2270003040	Diesel Other General Industrial Equipmen	10	1996	9	2283		2283	0.2283%	0.367	0.31	0.75	5.58	0.25	0.43	0.43	0.43	878	4,667	0.036	0.101	0.024	0.473	7,902	72.8%
1	Container Handler, Full	H-01-058	CST	1997	n/a	250	Diesel	914	T1	2270003040	Diesel Other General Industrial Equipmen	10	1997	8	2283		2283	0.2283%	0.367	0.31	0.75	5.58	0.25	0.43	0.43	0.43	878	4,667	0.036	0.101	0.024	0.473	7,024	64.7%
1	Container Handler, Full	H-01-062	CST	1997	n/a	250	Diesel	1,278	T1	2270003040	Diesel Other General Industrial Equipmen	10	1997	8	2283		2283	0.2283%	0.367	0.31	0.75	5.58	0.25	0.43	0.43	0.43	878	4,667	0.036	0.101	0.024	0.473	7,024	64.7%
1	Container Handler, Full	H-01-068	CST	1999	n/a	250	Diesel	2,008	T1	2270003040	Diesel Other General Industrial Equipmen	10	1999	6	2283		2283	0.2283%	0.367	0.31	0.75	5.58	0.25	0.43	0.43	0.43	878	4,667	0.036	0.101	0.024	0.473	5,268	48.5%
1	Container Handler, Full	H-01-095	CST	2001	n/a	250	Diesel	2,565	T1	2270003040	Diesel Other General Industrial Equipmen	10	2001	4	2283		2283	0.2283%	0.367	0.31	0.75	5.58	0.25	0.43	0.43	0.43	878	4,667	0.036	0.101	0.024	0.473	3,512	32.4%
1	Container Handler, Full	H-01-096	CST	2001	n/a	250	Diesel	2,532	T1	2270003040	Diesel Other General Industrial Equipmen	10	2001	4	2283		2283	0.2283%	0.367	0.31	0.75	5.58	0.25	0.43	0.43	0.43	878	4,667	0.036	0.101	0.024	0.473	3,512	32.4%
1	Container Handler, Full	H-01-099	CST	2001	n/a	250	Diesel	2,646	T1	2270003040	Diesel Other General Industrial Equipmen	10	2001	4	2283		2283	0.2283%	0.367	0.31	0.75	5.58	0.25	0.43	0.43	0.43	878	4,667	0.036	0.101	0.024	0.473	3,512	32.4%
1	Container Handler, Full	H-01-101	CST	2000	n/a	250	Diesel	2,541	T1	2270003040	Diesel Other General Industrial Equipmen	10	2000	5	2283		2283	0.2283%	0.367	0.31	0.75	5.58	0.25	0.43	0.43	0.43	878	4,667	0.036	0.101	0.024	0.473	4,390	40.4%
1	Container Handler, Full	H-01-102	CST	1998	n/a	250	Diesel	1,619	T1	2270003040	Diesel Other General Industrial Equipmen	10	1998	7	2283		2283	0.2283%	0.367	0.31	0.75	5.58	0.25	0.43	0.43	0.43	878	4,667	0.036	0.101	0.024	0.473	6,146	56.6%
1	Container Handler, Full	H-01-106	CST	2005	2	348	Diesel	635	T2	2270003050	Diesel Other General Industrial Equipmen	12	2005	0	2283		2283	0.2283%	0.367	0.17	0.84	4.34	0.13	0.43	0.43	0.43	878	7,000	0.034	0.101	0.009	0.473	0	0.0%
2	Crane, Container	H-39-009	CST	1976	n/a	1000	Diesel	228	base	2270003050	Diesel Other Material Handling Equipment	6	1976	29	2283		2283	0.2283%	0.433	2.57	7.79	15.45	1.97	0.21	0.21	421	7,000	0.047	0.185	0.024	0.473	12,209	36.6%	
3	Crane, RTG	H-41-015	CST	1998	n/a	685	Diesel	2,435	T1	2270003050	Diesel Other Material Handling Equipment	10	1998	7	2283		2283	0.2283%	0.433	0.34	3.41	6.42	0.43	0.21	0.21	421	7,000	0.036	0.101	0.024	0.473	2,947	8.8%	
3	Crane, RTG	H-41-016	CST	1999	n/a	685	Diesel	2,457	T1	2270003050	Diesel Other Material Handling Equipment	10	1999	6	2283		2283	0.2283%	0.433	0.34	3.41	6.42	0.43	0.21	0.21	421	7,000	0.036	0.101	0.024	0.473	2,526	7.6%	
3	Crane, RTG	H-41-017	CST	1999	n/a	685	Diesel	2,429	T1	2270003050	Diesel Other Material Handling Equipment	10	1999	6	2283		2283	0.2283%	0.433	0.34	3.41	6.42	0.43	0.21	0.21	421	7,000	0.036	0.101	0.024	0.473	2,526	7.6%	
7	Forklift 36K	H-15-053	CST	2000	1	155	Diesel	157	T1	2270003020	Diesel Forklifts	10	2000	5	2283		2283	0.2283%	0.371	0.35	1.33	5.36	0.34	0.59	0.59	1700	4,667	0.036	0.101	0.024	0.473	8,500	107.5%	
7	Forklift 55K	M-75-167	CST	1998	n/a	215	Diesel	486	T1	2270003020	Diesel Forklifts	10	1998	7	2283		2283	0.2283%	0.371	0.35	1.33	5.36	0.34	0.59	0.59	1700	4,667	0.036	0.101	0.024	0.473	11,900	150.4%	
7	Forklift 36K	M-75-204	CST	2005	n/a	155	Diesel	139	T2	2270003020	Diesel Forklifts	12	2005	0	2283		2283	0.2283%	0.371	0.35	1.33	3.88	0.22	0.59	0.59	1700	4,667	0.034	0.101	0.009	0.473	0	0.0%	
9	Assumed Avg Hostler		CST	2001	1	250	Diesel	16,924	T1	2270003070	Diesel Terminal Tractors	10	2001	4	2283		2283	0.2283%	0.371	0.32	1.14	5.28	0.31	0.59	0.59	1257	4,667	0.036	0.101	0.024	0.473	5,028	63.6%	
1	Container Handler, Full	H-01-033	NCT	1990	n/a	250	Diesel	470	T0	2270003040	Diesel Other General Industrial Equipmen	8	1990	15	2283		2283	0.2283%	0.367	0.68	2.7	8.38	0.4	0.43	0.43	0.43	878	4,667	0.047	0.185	0.024	0.473	13,170	121.3%
1	Container Handler, Full	H-01-036	NCT	1990	n/a	250	Diesel	654	T0	2270003040	Diesel Other General Industrial Equipmen	8	1990	15	2283		2283	0.2283%	0.367	0.68	2.7	8.38	0.4	0.43	0.43	0.43	878	4,667	0.047	0.185	0.024	0.473	13,170	121.3%
1	Container Handler, Full	H-01-045	NCT	1995	n/a	250	Diesel	1,907	T0	2270003040	Diesel Other General Industrial Equipmen	8	1995	10	2283		2283	0.2283%	0.367	0.68	2.7	8.38	0.4	0.43	0.43	0.43	878	4,667	0.047	0.185	0.024	0.473	8,780	80.9%
1	Container Handler, Full	H-01-049	NCT	1995	n/a	250	Diesel	2,530	T0	2270003040	Diesel Other General Industrial Equipmen	8	1995	10	2283		2283	0.2283%	0.367	0.68	2.7	8.38	0.4	0.43	0.43	0.43	878	4,667	0.047	0.185	0.024	0.473	8,780	80.9%
1	Container Handler, Full	H-01-050	NCT	1995	n/a	250	Diesel	2,459	T0	2270003040	Diesel Other General Industrial Equipmen	8	1995	10	2283		2283	0.2283%	0.367	0.68	2.7	8.38	0.4	0.43	0.43	0.43	878	4,667	0.047	0.185	0.024	0.473	8,780	80.9%
1	Container Handler, Full	H-01-051	NCT	1995	n/a	250	Diesel	2,272	T0	2270003040	Diesel Other General Industrial Equipmen	8	1995	10	2283		2283	0.2283%	0.367	0.68	2.7	8.38	0.4	0.43	0.43	0.43	878	4,667	0.047	0.185	0.024	0.473	8,780	80.9%
1	Container Handler, Full	H-01-055	NCT	1995	n/a	250	Diesel	2,004	T0	2270003040	Diesel Other General Industrial Equipmen	8	1995	10	2283		2283	0.2283%	0.367	0.68	2.7	8.38	0.4	0.43	0.43	0.43	878	4,667	0.047	0.185	0.024	0.473	8,780	80.9%
1	Container Handler, Full	H-01-059	NCT	1997	n/a	250	Diesel	1,344	T1	2270003040	Diesel Other General Industrial Equipmen	10	1997	8	2283		2283	0.2283%	0.367	0.31	0.75	5.58	0.25	0.43	0.43	0.43	878	4,667	0.036	0.101	0.024	0.473	7,024	64.7%
1	Container Handler, Full	H-01-089	NCT	2003	1	330	Diesel	2,100	T2	2270003040	Diesel Other General Industrial Equipmen	12	2003	2	2283		2283	0.2283%	0.367	0.17	0.84	4.34	0.13	0.43	0.43	0.43	878	7,000	0.034	0.101	0.009	0.473	1,756	10.8%
1	Container Handler, Full	H-01-097	NCT	2001	n/a	250	Diesel	3,210	T1	2270003040	Diesel Other General Industrial Equipmen	10	2001	4	2283		2283	0.2283%	0.367	0.31	0.75	5.58	0.25	0.43	0.43	0.43	878	4,667	0.036	0.101	0.024	0.473	3,512	32.4%
1	Container Handler, Full	H-01-103	NCT	2004	2	355	Diesel	2,128	T2	2270003040	Diesel Other General Industrial Equipmen	12	2004	1	2283		2283	0.2283%	0.367	0.17	0.84	4.34	0.13	0.43	0.43	0.43	878	7,000	0.034	0.101	0.009	0.473	878	5.4%
1	Container Handler, Full	H-01-104	NCT	2004	2	355	Diesel	2,154	T2	2270003040	Diesel Other General Industrial Equipmen	12	2004	1	2283		2283	0.2283%	0.367	0.17	0.84	4.34	0.13	0.43	0.43	0.43	878	7,000	0.034	0.101	0.009	0.473	878	5.4%
2	Crane, Container	H-39-011	NCT	1982	n/a	800	Diesel	284	base	2270003050	Diesel Other Material Handling Equipment	6	1982	23	2283		2283	0.2283%	0.433	2.57	7.79	15.45	1.97	0.21	0.21	421	7,000	0.034	0.101	0.009	0.473	9,683	29.0%	
2	Crane, Container	H-39-013	NCT	1981	n/a	800	Diesel	111	base	2270003050	Diesel Other Material Handling Equipment	6	1981	24	2283		2283	0.2283%	0.433	2.57	7.79	15.45	1.97	0.21	0.21	421	7,000	0.047	0.185	0.024	0.473	10,104	30.3%	

Table A-1 Raw Data List of all Equipment Greater than 25 Horsepower

SI	Equipment	Model	Year	Age	2005 Hours	Fuel	Power	Category	2005 Hours	Model	Year	Age	2005 Hours	CO	gr/hp-hr	NOx	PM	gr/hp-hr	HC	gr/hp-hr	SO <sub>2</sub>	ppm	BSFC	lb/hp-hr	Factor (A)	Assumed Cuml Hrs	Frac of Useable Life (limit 1)					
1	Container Handler, Full	H-01-092	WWT	2001	n/a	250	Diesel	3,897	T1	2270003040	Diesel Other General Industrial Equipmen	10	2001	4	2283	2283	0.2283%	0.367	0.31	0.75	5.58	0.25	0.43	0.43	878	4,667	0.036	0.101	0.024	0.473	3,512	32.4%
1	Container Handler, Full	H-01-093	WWT	2001	n/a	250	Diesel	4,039	T1	2270003040	Diesel Other General Industrial Equipmen	10	2001	4	2283	2283	0.2283%	0.367	0.31	0.75	5.58	0.25	0.43	0.43	878	4,667	0.036	0.101	0.024	0.473	3,512	32.4%
1	Container Handler, Full	H-01-098	WWT	2001	n/a	250	Diesel	3,704	T1	2270003040	Diesel Other General Industrial Equipmen	10	2001	4	2283	2283	0.2283%	0.367	0.31	0.75	5.58	0.25	0.43	0.43	878	4,667	0.036	0.101	0.024	0.473	3,512	32.4%
1	Container Handler, Full	H-01-100	WWT	2003	n/a	250	Diesel	3,738	T2	2270003040	Diesel Other General Industrial Equipmen	12	2003	2	2283	2283	0.2283%	0.367	0.31	0.75	4	0.13	0.43	0.43	878	4,667	0.034	0.101	0.009	0.473	1,756	16.2%
2	Crane, Container	H-39-012	WWT	1982	n/a	800	Diesel	94	base	2270003050	Diesel Other Material Handling Equipment	6	1982	23	2283	2283	0.2283%	0.433	2.57	7.79	15.45	1.97	0.21	0.21	421	7,000	0.047	0.185	0.024	0.473	9,683	29.0%
2	Crane, Container	H-39-014	WWT	1981	n/a	800	Diesel	345	base	2270003050	Diesel Other Material Handling Equipment	6	1981	24	2283	2283	0.2283%	0.433	2.57	7.79	15.45	1.97	0.21	0.21	421	7,000	0.047	0.185	0.024	0.473	10,104	30.3%
3	Crane, RTG	H-41-001	WWT	1980	n/a	300	Diesel	1,694	base	2270003050	Diesel Other Material Handling Equipment	6	1980	25	2283	2283	0.2283%	0.433	2.57	7.79	15.45	1.97	0.21	0.21	421	7,000	0.047	0.185	0.024	0.473	10,525	31.6%
3	Crane, RTG	H-41-003	WWT	1987	n/a	300	Diesel	1,435	base	2270003050	Diesel Other Material Handling Equipment	6	1987	18	2283	2283	0.2283%	0.433	2.57	7.79	15.45	1.97	0.21	0.21	421	7,000	0.047	0.185	0.024	0.473	7,578	22.7%
3	Crane, RTG	H-41-011	WWT	1998	n/a	685	Diesel	2,642	T1	2270003050	Diesel Other Material Handling Equipment	10	1998	7	2283	2283	0.2283%	0.433	0.34	3.41	6.42	0.43	0.21	0.21	421	7,000	0.036	0.101	0.024	0.473	2,947	8.8%
3	Crane, RTG	H-41-012	WWT	1998	n/a	685	Diesel	2,722	T1	2270003050	Diesel Other Material Handling Equipment	10	1998	7	2283	2283	0.2283%	0.433	0.34	3.41	6.42	0.43	0.21	0.21	421	7,000	0.036	0.101	0.024	0.473	2,947	8.8%
3	Crane, RTG	H-41-013	WWT	1998	n/a	685	Diesel	2,668	T1	2270003050	Diesel Other Material Handling Equipment	10	1998	7	2283	2283	0.2283%	0.433	0.34	3.41	6.42	0.43	0.21	0.21	421	7,000	0.036	0.101	0.024	0.473	2,947	8.8%
3	Crane, RTG	H-41-014	WWT	1998	n/a	685	Diesel	2,665	T1	2270003050	Diesel Other Material Handling Equipment	10	1998	7	2283	2283	0.2283%	0.433	0.34	3.41	6.42	0.43	0.21	0.21	421	7,000	0.036	0.101	0.024	0.473	2,947	8.8%
3	Crane, RTG	H-41-018	WWT	2000	n/a	685	Diesel	2,531	T1	2270003050	Diesel Other Material Handling Equipment	10	2000	5	2283	2283	0.2283%	0.433	0.34	3.41	6.42	0.43	0.21	0.21	421	7,000	0.036	0.101	0.024	0.473	2,105	6.3%
3	Crane, RTG	H-41-019	WWT	2000	n/a	685	Diesel	1,917	T1	2270003050	Diesel Other Material Handling Equipment	10	2000	5	2283	2283	0.2283%	0.433	0.34	3.41	6.42	0.43	0.21	0.21	421	7,000	0.036	0.101	0.024	0.473	2,105	6.3%
3	Crane, RTG	H-41-020	WWT	2000	n/a	685	Diesel	2,239	T1	2270003050	Diesel Other Material Handling Equipment	10	2000	5	2283	2283	0.2283%	0.433	0.34	3.41	6.42	0.43	0.21	0.21	421	7,000	0.036	0.101	0.024	0.473	2,105	6.3%
3	Crane, RTG	H-41-021	WWT	2000	n/a	685	Diesel	2,384	T1	2270003050	Diesel Other Material Handling Equipment	10	2000	5	2283	2283	0.2283%	0.433	0.34	3.41	6.42	0.43	0.21	0.21	421	7,000	0.036	0.101	0.024	0.473	2,105	6.3%
3	Crane, RTG	H-41-024	WWT	2000	n/a	685	Diesel	2,903	T1	2270003050	Diesel Other Material Handling Equipment	10	2000	5	2283	2283	0.2283%	0.433	0.34	3.41	6.42	0.43	0.21	0.21	421	7,000	0.036	0.101	0.024	0.473	2,105	6.3%
3	Crane, RTG	H-41-025	WWT	2000	n/a	685	Diesel	2,867	T1	2270003050	Diesel Other Material Handling Equipment	10	2000	5	2283	2283	0.2283%	0.433	0.34	3.41	6.42	0.43	0.21	0.21	421	7,000	0.036	0.101	0.024	0.473	2,105	6.3%
3	Crane, RTG	H-41-026	WWT	2000	n/a	685	Diesel	2,915	T1	2270003050	Diesel Other Material Handling Equipment	10	2000	5	2283	2283	0.2283%	0.433	0.34	3.41	6.42	0.43	0.21	0.21	421	7,000	0.036	0.101	0.024	0.473	2,105	6.3%
3	Crane, RTG	H-41-027	WWT	2000	n/a	685	Diesel	2,882	T1	2270003050	Diesel Other Material Handling Equipment	10	2000	5	2283	2283	0.2283%	0.433	0.34	3.41	6.42	0.43	0.21	0.21	421	7,000	0.036	0.101	0.024	0.473	2,105	6.3%
3	Crane, RTG	H-41-028	WWT	2000	n/a	685	Diesel	2,891	T1	2270003050	Diesel Other Material Handling Equipment	10	2000	5	2283	2283	0.2283%	0.433	0.34	3.41	6.42	0.43	0.21	0.21	421	7,000	0.036	0.101	0.024	0.473	2,105	6.3%
3	Crane, RTG	H-41-029	WWT	2000	n/a	685	Diesel	2,488	T1	2270003050	Diesel Other Material Handling Equipment	10	2000	5	2283	2283	0.2283%	0.433	0.34	3.41	6.42	0.43	0.21	0.21	421	7,000	0.036	0.101	0.024	0.473	2,105	6.3%
3	Crane, RTG	H-41-030	WWT	2004	2	585	Diesel	2,670	T2	2270003050	Diesel Other Material Handling Equipment	12	2004	1	2283	2283	0.2283%	0.433	0.38	2.17	4.78	0.26	0.21	0.21	421	7,000	0.034	0.101	0.009	0.473	421	1.3%
3	Crane, RTG	H-41-031	WWT	2004	2	585	Diesel	2,842	T2	2270003050	Diesel Other Material Handling Equipment	12	2004	1	2283	2283	0.2283%	0.433	0.38	2.17	4.78	0.26	0.21	0.21	421	7,000	0.034	0.101	0.009	0.473	421	1.3%
3	Crane, RTG	H-41-032	WWT	2004	2	585	Diesel	2,663	T2	2270003050	Diesel Other Material Handling Equipment	12	2004	1	2283	2283	0.2283%	0.433	0.38	2.17	4.78	0.26	0.21	0.21	421	7,000	0.034	0.101	0.009	0.473	421	1.3%
3	Crane, RTG	H-41-033	WWT	2004	2	585	Diesel	2,698	T2	2270003050	Diesel Other Material Handling Equipment	12	2004	1	2283	2283	0.2283%	0.433	0.38	2.17	4.78	0.26	0.21	0.21	421	7,000	0.034	0.101	0.009	0.473	421	1.3%
4	Container Handler, Empty	H-01-076	WWT	1998	n/a	215	Diesel	2,007	T1	2270003040	Diesel Other General Industrial Equipmen	10	1998	7	2283	2283	0.2283%	0.367	0.31	0.75	5.58	0.25	0.43	0.43	878	4,667	0.036	0.101	0.024	0.473	6,146	56.6%
4	Container Handler, Empty	H-01-077	WWT	1999	n/a	215	Diesel	1,261	T1	2270003040	Diesel Other General Industrial Equipmen	10	1999	6	2283	2283	0.2283%	0.367	0.31	0.75	5.58	0.25	0.43	0.43	878	4,667	0.036	0.101	0.024	0.473	5,268	48.5%
4	Container Handler, Empty	H-01-078	WWT	2000	1	211	Diesel	2,198	T1	2270003040	Diesel Other General Industrial Equipmen	10	2000	5	2283	2283	0.2283%	0.367	0.31	0.75	5.58	0.25	0.43	0.43	878	4,667	0.036	0.101	0.024	0.473	4,390	40.4%
4	Container Handler, Empty	H-01-085	WWT	2000	1	238	Diesel	1,914	T1	2270003040	Diesel Other General Industrial Equipmen	10	2000	5	2283	2283	0.2283%	0.367	0.31	0.75	5.58	0.25	0.43	0.43	878	4,667	0.036	0.101	0.024	0.473	4,390	40.4%
4	Container Handler, Empty	H-01-086	WWT	2000	1	238	Diesel	2,617	T1	2270003040	Diesel Other General Industrial Equipmen	10	2000	5	2283	2283	0.2283%	0.367	0.31	0.75	5.58	0.25	0.43	0.43	878	4,667	0.036	0.101	0.024	0.473	4,390	40.4%
4	Container Handler, Empty	H-01-087	WWT	2000	1	238	Diesel	3,112	T1	2270003040	Diesel Other General Industrial Equipmen	10	2000	5	2283	2283	0.2283%	0.367	0.31	0.75	5.58	0.25	0.43	0.43	878	4,667	0.036	0.101	0.024	0.473	4,390	40.4%
4	Container Handler, Empty	H-01-088	WWT	2000	1	238	Diesel	2,822	T1	2270003040	Diesel Other General Industrial Equipmen	10	2000	5	2283	2283	0.2283%	0.367	0.31	0.75	5.58	0.25	0.43	0.43	878	4,667	0.036	0.101	0.024	0.473	4,390	40.4%
4	Container Handler, Empty	H-01-090	WWT	2000	1	238	Diesel	2,521	T1	2270003040	Diesel Other General Industrial Equipmen	10	2000	5	2283	2283	0.2283%	0.367	0.31	0.75	5.58	0.25	0.43	0.43	878	4,667	0.036	0.101	0.024	0.473	4,390	40.4%
4	Container Handler, Empty	H-01-091	WWT	2000	1	238	Diesel	2,922	T1	2270003040	Diesel Other General Industrial Equipmen	10	2000	5	2283	2283	0.2283%	0.367	0.31	0.75	5.58	0.25	0.43	0.43	878	4,667	0.036	0.101	0.024	0.473	4,390	40.4%
4	Container Handler, Empty	H-01-094	WWT	2001	1	250	Diesel	2,576	T1	2270003040	Diesel Other General Industrial Equipmen	10	2001	4	2283	2283	0.2283%	0.367	0.31	0.75	5.58	0.25	0.43	0.43	878	4,667						

Table A-1 Raw Data List of all Equipment Greater than 25 Horsepower

7	Forklift 15.5K	M-75-198	CST	2003	n/a	90	LPG	274	LGT25	2267003020	LPG Forklifts	7	2003	2	80	0.0080%	0.507	2.18	40.93	11.99	0.05	0.30	0.3	1800	4,500	0.26	0.35	0.03	0.26	3,600	24.0%
7	Forklift 5K	M-75-202	CST	2003	n/a	73	LPG	1115	LGT25	2267003020	LPG Forklifts	7	2003	2	80	0.0080%	0.507	2.18	40.93	11.99	0.05	0.30	0.3	1800	4,500	0.26	0.35	0.03	0.26	3,600	24.0%
7	Forklift 5K	M-75-203	CST	2003	n/a	73	LPG	1621	LGT25	2267003020	LPG Forklifts	7	2003	2	80	0.0080%	0.507	2.18	40.93	11.99	0.05	0.30	0.3	1800	4,500	0.26	0.35	0.03	0.26	3,600	24.0%
8	Sweeper	M-92-019	CST	1998	n/a	55	LPG	250	LGT25	2267003030	LPG Sweepers/Scrubbers	7	1998	7	80	0.0080%	0.507	2.18	40.93	11.99	0.05	0.71	0.71	516	3,000	0.26	0.35	0.03	0.26	3,612	85.5%
7	Forklift 8K	M-75-114	NCT	1987	n/a	80	LPG	231	LGT25	2267003020	LPG Forklifts	7	1987	18	80	0.0080%	0.507	2.18	40.93	11.99	0.05	0.30	0.3	1800	4,500	0.26	0.35	0.03	0.26	32,400	216.0%
7	Forklift 8K	M-75-120	NCT	1987	n/a	80	LPG	169	LGT25	2267003020	LPG Forklifts	7	1987	18	80	0.0080%	0.507	2.18	40.93	11.99	0.05	0.30	0.3	1800	4,500	0.26	0.35	0.03	0.26	32,400	216.0%
7	Forklift 11K	M-75-142	NCT	1992	n/a	90	LPG	168	LGT25	2267003020	LPG Forklifts	7	1992	13	80	0.0080%	0.507	2.18	40.93	11.99	0.05	0.30	0.3	1800	4,500	0.26	0.35	0.03	0.26	23,400	156.0%
7	Forklift 11K	M-75-145	NCT	1993	n/a	90	LPG	329	LGT25	2267003020	LPG Forklifts	7	1993	12	80	0.0080%	0.507	2.18	40.93	11.99	0.05	0.30	0.3	1800	4,500	0.26	0.35	0.03	0.26	21,600	144.0%
7	Forklift 12K	M-75-147	NCT	1994	n/a	90	LPG	353	LGT25	2267003020	LPG Forklifts	7	1994	11	80	0.0080%	0.507	2.18	40.93	11.99	0.05	0.30	0.3	1800	4,500	0.26	0.35	0.03	0.26	19,800	132.0%
7	Forklift 11K	M-75-161	NCT	1997	n/a	90	LPG	422	LGT25	2267003020	LPG Forklifts	7	1997	8	80	0.0080%	0.507	2.18	40.93	11.99	0.05	0.30	0.3	1800	4,500	0.26	0.35	0.03	0.26	14,400	96.0%
7	Forklift 11K	M-75-163	NCT	1997	n/a	90	LPG	333	LGT25	2267003020	LPG Forklifts	7	1997	8	80	0.0080%	0.507	2.18	40.93	11.99	0.05	0.30	0.3	1800	4,500	0.26	0.35	0.03	0.26	14,400	96.0%
7	Forklift 11K	M-75-170	NCT	1998	n/a	90	LPG	783	LGT25	2267003020	LPG Forklifts	7	1998	7	80	0.0080%	0.507	2.18	40.93	11.99	0.05	0.30	0.3	1800	4,500	0.26	0.35	0.03	0.26	12,600	84.0%
8	Sweeper	M-92-014	NCT	1998	n/a	63	LPG	151	LGT25	2267003030	LPG Sweepers/Scrubbers	7	1998	7	80	0.0080%	0.507	2.18	40.93	11.99	0.05	0.71	0.71	516	3,000	0.26	0.35	0.03	0.26	3,612	85.5%
8	Sweeper	M-92-015	NCT	1998	n/a	63	LPG	5	LGT25	2267003030	LPG Sweepers/Scrubbers	7	1998	7	80	0.0080%	0.507	2.18	40.93	11.99	0.05	0.71	0.71	516	3,000	0.26	0.35	0.03	0.26	3,612	85.5%
8	Sweeper	M-92-022	NCT	2000	n/a	37	LPG	68	LGT25	2267003030	LPG Sweepers/Scrubbers	7	2000	5	80	0.0080%	0.507	2.18	40.93	11.99	0.05	0.71	0.71	516	1,500	0.26	0.35	0.03	0.26	2,580	122.1%
6	Tractor Tow	M-55-035	UPT	1999	n/a	90	LPG	309	LGT25	2267003040	LPG Other General Industrial Equipment	7	1999	6	80	0.0080%	0.507	2.18	40.93	11.99	0.05	0.54	0.54	713	3,000	0.26	0.35	0.03	0.26	4,278	77.0%
7	Tractor Tow	M-55-037	UPT	2001	n/a	70	LPG	405	LGT25	2267003040	LPG Other General Industrial Equipment	7	2001	4	80	0.0080%	0.507	2.18	40.93	11.99	0.05	0.54	0.54	713	3,000	0.26	0.35	0.03	0.26	2,852	51.3%
6	Forklift 8K	M-75-118	UPT	1987	n/a	80	LPG	364	LGT25	2267003020	LPG Forklifts	7	1987	18	80	0.0080%	0.507	2.18	40.93	11.99	0.05	0.30	0.3	1800	4,500	0.26	0.35	0.03	0.26	32,400	216.0%
7	Forklift 8K	M-75-125	UPT	1987	n/a	80	LPG	209	LGT25	2267003020	LPG Forklifts	7	1987	18	80	0.0080%	0.507	2.18	40.93	11.99	0.05	0.30	0.3	1800	4,500	0.26	0.35	0.03	0.26	32,400	216.0%
7	Forklift 8K	M-75-128	UPT	1987	n/a	80	LPG	292	LGT25	2267003020	LPG Forklifts	7	1987	18	80	0.0080%	0.507	2.18	40.93	11.99	0.05	0.30	0.3	1800	4,500	0.26	0.35	0.03	0.26	32,400	216.0%
7	Forklift 11K	M-75-143	UPT	1992	n/a	90	LPG	40	LGT25	2267003020	LPG Forklifts	7	1992	13	80	0.0080%	0.507	2.18	40.93	11.99	0.05	0.30	0.3	1800	4,500	0.26	0.35	0.03	0.26	23,400	156.0%
7	Forklift 8K	M-75-165	UPT	1997	n/a	80	LPG	40	LGT25	2267003020	LPG Forklifts	7	1997	8	80	0.0080%	0.507	2.18	40.93	11.99	0.05	0.30	0.3	1800	4,500	0.26	0.35	0.03	0.26	14,400	96.0%
7	Forklift 12K	M-75-178	UPT	2000	n/a	90	LPG	499	LGT25	2267003020	LPG Forklifts	7	2000	5	80	0.0080%	0.507	2.18	40.93	11.99	0.05	0.30	0.3	1800	4,500	0.26	0.35	0.03	0.26	9,000	60.0%
7	Forklift 12K	M-75-179	UPT	2000	n/a	90	LPG	300	LGT25	2267003020	LPG Forklifts	7	2000	5	80	0.0080%	0.507	2.18	40.93	11.99	0.05	0.30	0.3	1800	4,500	0.26	0.35	0.03	0.26	9,000	60.0%
7	Forklift 8K	M-75-192	UPT	2001	n/a	80	LPG	460	LGT25	2267003020	LPG Forklifts	7	2001	4	80	0.0080%	0.507	2.18	40.93	11.99	0.05	0.30	0.3	1800	4,500	0.26	0.35	0.03	0.26	7,200	48.0%
7	Forklift 5K	M-75-194	UPT	2001	n/a	73	LPG	892	LGT25	2267003020	LPG Forklifts	7	2001	4	80	0.0080%	0.507	2.18	40.93	11.99	0.05	0.30	0.3	1800	4,500	0.26	0.35	0.03	0.26	7,200	48.0%
7	Forklift 15.5K	M-75-199	UPT	2003	n/a	90	LPG	334	LGT25	2267003020	LPG Forklifts	7	2003	2	80	0.0080%	0.507	2.18	40.93	11.99	0.05	0.30	0.3	1800	4,500	0.26	0.35	0.03	0.26	3,600	24.0%
8	Sweeper	M-92-020	UPT	1998	n/a	55	LPG	107	LGT25	2267003030	LPG Sweepers/Scrubbers	7	1998	7	80	0.0080%	0.507	2.18	40.93	11.99	0.05	0.71	0.71	516	3,000	0.26	0.35	0.03	0.26	3,612	85.5%
8	Sweeper	M-92-024	UPT	2001	n/a	64	LPG	185	LGT25	2267003030	LPG Sweepers/Scrubbers	7	2001	4	80	0.0080%	0.507	2.18	40.93	11.99	0.05	0.71	0.71	516	3,000	0.26	0.35	0.03	0.26	2,064	48.8%
7	Forklift 11K	M-75-138	WWT	1991	n/a	90	LPG	123	LGT25	2267003020	LPG Forklifts	7	1991	14	80	0.0080%	0.507	2.18	40.93	11.99	0.05	0.30	0.3	1800	4,500	0.26	0.35	0.03	0.26	25,200	168.0%
7	Forklift 15.5K	M-75-146	WWT	1993	n/a	90	LPG	197	LGT25	2267003020	LPG Forklifts	7	1993	12	80	0.0080%	0.507	2.18	40.93	11.99	0.05	0.30	0.3	1800	4,500	0.26	0.35	0.03	0.26	21,600	144.0%
7	Forklift 8K	M-75-155	WWT	1996	n/a	80	LPG	323	LGT25	2267003020	LPG Forklifts	7	1996	9	80	0.0080%	0.507	2.18	40.93	11.99	0.05	0.30	0.3	1800	4,500	0.26	0.35	0.03	0.26	16,200	108.0%
7	Forklift 8K	M-75-156	WWT	1996	n/a	80	LPG	333	LGT25	2267003020	LPG Forklifts	7	1996	9	80	0.0080%	0.507	2.18	40.93	11.99	0.05	0.30	0.3	1800	4,500	0.26	0.35	0.03	0.26	16,200	108.0%
7	Forklift 8K	M-75-157	WWT	1996	n/a	80	LPG	184	LGT25	2267003020	LPG Forklifts	7	1996	9	80	0.0080%	0.507	2.18	40.93	11.99	0.05	0.30	0.3	1800	4,500	0.26	0.35	0.03	0.26	16,200	108.0%
7	Forklift 8K	M-75-168	WWT	1998	n/a	80	LPG	174	LGT25	2267003020	LPG Forklifts	7	1998	7	80	0.0080%	0.507	2.18	40.93	11.99	0.05	0.30	0.3	1800	4,500	0.26	0.35	0.03	0.26	12,600	84.0%
7	Forklift 11K	M-75-169	WWT	1998	n/a	90	LPG	176	LGT25	2267003020	LPG Forklifts	7	1998	7	80	0.0080%	0.507	2.18	40.93	11.99	0.05	0.30	0.3	1800	4,500	0.26	0.35	0.03	0.26	12,600	84.0%
7	Forklift 5K	M-75-183	WWT	2001	n/a	73	LPG	65	LGT25	2267003020	LPG Forklifts	7	2001	4	80	0.0080%	0.507	2.18	40.93	11.99	0.05	0.30	0.3	1800	4,500	0.26	0.35	0.03	0.26	7,200	48.0%
7	Forklift 8K	M-75-191	WWT	2001	n/a	80	LPG	181	LGT25	2267003020	LPG Forklifts	7	2001	4	80	0.0080%	0.507	2.18	40.93	11.99	0.05	0.30	0.3	1800	4,500	0.26	0.35	0.03	0.26	7,200	48.0%
8	Sweeper	M-92-021	WWT	1999	n/a	53	LPG	18	LGT25																						

Table A-1 Raw Data List of all Equipment Greater than 25 Horsepower

Type	Equip. No.	Terminal	YR	TIER	Deterioration Shape (b)	Deterioration Limit (in numbers of useable life)	DF=1+A x (fuel)^b				PM EF Adjustment for Sulfur			Adjusted Emission Factors				EF Calc'd from BSFC		2005 Emissions						Installed HP Hrs	HP-Hrs		
							HC	CO	NOx	PM	Non-road assumed Sulfur Content in PM EF (%)	Soxncv (gr pm sulfur / gal sulfur)	Sulfur Adjustment to PM EF (gr/bhp-hr)	HC	CO	NOx	PM	CO2	SO2	HC (lbs)	CO (lbs)	Nox (lbs)	PM10 (lbs)	PM2.5 (lbs)	CO2 (lbs)			SO2 (lbs)	
							unitless	unitless	unitless	unitless				gr/hp-hr	gr/hp-hr	gr/hp-hr	gr/hp-hr	gr/hp-hr	gr/hp-hr	gr/hp-hr	gr/hp-hr	gr/hp-hr	gr/hp-hr	gr/hp-hr	gr/hp-hr			gr/hp-hr	gr/hp-hr
<b>Diesel</b>																													
1	Container Handler, Full	H-01-034	CST	1990	n/a	1.00	1.00	1.047	1.185	1.024	1.473	0.33%	0.02247	0.02663	0.71	3.20	8.58	0.56	528.8	0.739777	154.72	695.32	1,864.87	122.26	118.59	114,914.06	160.77	229,250	98,578
1	Container Handler, Full	H-01-052	CST	1995	n/a	1.00	1.00	1.038021	1.149657	1.019415	1.382636	0.33%	0.02247	0.02663	0.71	3.10	8.54	0.53	528.8	0.739805	56.88	250.12	688.35	42.42	41.15	42,608.75	59.61	85,000	36,550
1	Container Handler, Full	H-01-057	CST	1996	n/a	1.00	1.00	1.02621	1.073534	1.017473	1.344373	0.33%	0.02247	0.02663	0.32	0.81	5.68	0.31	530.0	0.741575	43.05	108.96	768.30	41.88	40.62	71,725.01	100.35	142,750	61,383
1	Container Handler, Full	H-01-058	CST	1997	n/a	1.00	1.00	1.023298	1.065364	1.015532	1.306109	0.33%	0.02247	0.02663	0.32	0.80	5.67	0.30	530.0	0.741579	68.71	173.08	1,227.47	64.96	63.01	114,810.88	160.63	228,500	98,255
1	Container Handler, Full	H-01-062	CST	1997	n/a	1.00	1.00	1.023298	1.065364	1.015532	1.306109	0.33%	0.02247	0.02663	0.32	0.80	5.67	0.30	530.0	0.741579	96.08	242.01	1,716.30	90.83	88.11	160,534.25	224.61	319,500	137,385
1	Container Handler, Full	H-01-068	CST	1999	n/a	1.00	1.00	1.017473	1.049023	1.011649	1.229582	0.33%	0.02247	0.02663	0.32	0.79	5.65	0.28	530.0	0.741588	150.10	374.41	2,686.35	133.61	129.60	252,234.96	352.91	502,000	215,860
1	Container Handler, Full	H-01-095	CST	2001	n/a	1.00	1.00	1.011649	1.032682	1.007766	1.153055	0.33%	0.02247	0.02663	0.31	0.77	5.62	0.26	530.0	0.741596	190.64	470.82	3,418.35	159.04	154.27	322,206.02	450.81	641,250	275,738
1	Container Handler, Full	H-01-096	CST	2001	n/a	1.00	1.00	1.011649	1.032682	1.007766	1.153055	0.33%	0.02247	0.02663	0.31	0.77	5.62	0.26	530.0	0.741596	188.19	464.76	3,374.37	157.00	152.29	318,060.68	445.01	633,000	272,190
1	Container Handler, Full	H-01-099	CST	2001	n/a	1.00	1.00	1.011649	1.032682	1.007766	1.153055	0.33%	0.02247	0.02663	0.31	0.77	5.62	0.26	530.0	0.741596	196.66	485.68	3,526.30	164.07	159.14	332,380.95	465.04	661,500	284,445
1	Container Handler, Full	H-01-101	CST	2000	n/a	1.00	1.00	1.014561	1.040852	1.009707	1.191318	0.33%	0.02247	0.02663	0.31	0.78	5.63	0.27	530.0	0.741592	189.40	470.10	3,392.89	163.32	158.42	319,189.49	446.59	635,250	273,158
1	Container Handler, Full	H-01-102	CST	1998	n/a	1.00	1.00	1.020386	1.057193	1.01359	1.267845	0.33%	0.02247	0.02663	0.32	0.79	5.66	0.29	530.0	0.741584	121.37	304.23	2,170.10	111.40	108.06	203,369.61	284.54	404,750	174,043
1	Container Handler, Full	H-01-106	CST	2005	2	1.00	1.00	1	1	1	1	0.20%	0.02247	-0.00741	0.17	0.84	4.34	0.14	530.5	0.742252	35.61	175.97	909.16	28.79	27.92	111,130.80	155.49	220,980	95,021
2	Crane, Container	H-39-009	CST	1976	n/a	1.00	1.00	1.017215	1.06776	1.00879	1.173246	0.33%	0.02247	0.03142	2.61	8.32	15.59	2.28	618.2	0.864715	275.95	878.00	1,645.17	240.65	233.43	65,254.93	91.28	228,000	47,880
3	Crane, RTG	H-41-015	CST	1998	n/a	1.00	1.00	1.003183	1.008929	1.002122	1.041818	0.33%	0.02247	0.03142	0.34	3.44	6.43	0.42	625.5	0.875094	263.39	2,656.75	4,968.11	321.67	312.02	482,983.80	675.76	1,667,975	350,275
3	Crane, RTG	H-41-016	CST	1999	n/a	1.00	1.00	1.002728	1.007654	1.001819	1.035844	0.33%	0.02247	0.03142	0.34	3.44	6.43	0.41	625.5	0.875095	265.65	2,677.37	5,011.48	322.58	312.90	487,347.90	681.86	1,683,045	353,439
3	Crane, RTG	H-41-017	CST	1999	n/a	1.00	1.00	1.002728	1.007654	1.001819	1.035844	0.33%	0.02247	0.03142	0.34	3.44	6.43	0.41	625.5	0.875095	262.62	2,646.85	4,954.37	318.90	309.34	481,794.07	674.09	1,663,865	349,412
7	Forklift 36K	H-15-053	CST	2000	1	1.00	1.00	1.036	1.101	1.024	1.473	0.33%	0.02247	0.02692	0.36	1.46	5.49	0.47	535.7	0.749471	11.48	46.35	173.73	15.00	14.55	16,955.52	23.72	24,335	14,358
7	Forklift 55K	M-75-167	CST	1998	n/a	1.00	1.00	1.036	1.101	1.024	1.473	0.33%	0.02247	0.02692	0.36	1.46	5.41	0.43	535.8	0.749613	45.06	170.59	734.83	58.40	56.65	72,817.36	101.88	104,490	61,649
7	Forklift 36K	M-75-204	CST	2005	n/a	1.00	1.00	1	1	1	1	0.20%	0.02247	-0.00749	0.35	1.33	3.88	0.23	535.7	0.749528	9.81	37.27	108.73	6.38	6.18	15,012.70	21.00	21,545	12,712
9	Assumed Avg Hostler		CST	2001	1	1.00	1.00	1.022883	1.064199	1.015255	1.300657	0.33%	0.02247	0.02692	0.33	1.21	5.36	0.38	535.8	0.749632	1,801.35	6,676.52	29,500.62	2,070.80	2,008.67	2,948,587.95	4,125.44	4,231,000	2,496,290
1	Container Handler, Full	H-01-033	NCT	1990	n/a	1.00	1.00	1.047	1.185	1.024	1.473	0.33%	0.02247	0.02663	0.71	3.20	8.58	0.56	528.8	0.739777	79.30	356.38	955.82	62.66	60.78	58,898	82.40	117,500	50,525
1	Container Handler, Full	H-01-036	NCT	1990	n/a	1.00	1.00	1.047	1.185	1.024	1.473	0.33%	0.02247	0.02663	0.71	3.20	8.58	0.56	528.8	0.739777	110.35	495.90	1,330.02	87.19	84.58	81,956	114.66	163,500	70,305
1	Container Handler, Full	H-01-045	NCT	1995	n/a	1.00	1.00	1.038021	1.149657	1.019415	1.382636	0.33%	0.02247	0.02663	0.71	3.10	8.54	0.53	528.8	0.739805	319.01	1,402.87	3,860.83	237.92	230.78	238,985	334.35	476,750	205,003
1	Container Handler, Full	H-01-049	NCT	1995	n/a	1.00	1.00	1.038021	1.149657	1.019415	1.382636	0.33%	0.02247	0.02663	0.71	3.10	8.54	0.53	528.8	0.739805	423.22	1,861.18	5,122.13	315.64	306.17	317,059	443.58	632,500	271,975
1	Container Handler, Full	H-01-050	NCT	1995	n/a	1.00	1.00	1.038021	1.149657	1.019415	1.382636	0.33%	0.02247	0.02663	0.71	3.10	8.54	0.53	528.8	0.739805	411.35	1,808.95	4,978.39	306.78	297.58	308,161	431.13	614,750	264,343
1	Container Handler, Full	H-01-051	NCT	1995	n/a	1.00	1.00	1.038021	1.149657	1.019415	1.382636	0.33%	0.02247	0.02663	0.71	3.10	8.54	0.53	528.8	0.739805	380.07	1,671.38	4,599.80	283.45	274.95	284,727	398.35	568,000	244,240
1	Container Handler, Full	H-01-055	NCT	1995	n/a	1.00	1.00	1.038021	1.149657	1.019415	1.382636	0.33%	0.02247	0.02663	0.71	3.10	8.54	0.53	528.8	0.739805	335.23	1,474.23	4,057.22	250.02	242.52	251,141	351.36	501,000	215,430
1	Container Handler, Full	H-01-059	NCT	1997	n/a	1.00	1.00	1.023298	1.065364	1.015532	1.306109	0.33%	0.02247	0.02663	0.32	0.80	5.67	0.30	530.0	0.741579	101.04	254.50	1,804.94	95.52	92.66	168,825	236.21	336,000	144,480
1	Container Handler, Full	H-01-089	NCT	2003	1	1.00	1.00	1.003668	1.010895	1.000971	1.051022	0.20%	0.02247	-0.00741	0.17	0.85	4.34	0.14	530.5	0.742249	112.09	557.85	2,853.91	94.63	91.79	348,508	487.62	693,000	297,990
1	Container Handler, Full	H-01-097	NCT	2001	n/a	1.00	1.00	1.011649	1.032682	1.007766	1.153055	0.33%	0.02247	0.02663	0.31	0.77	5.62	0.26	530.0	0.741596	238.58	589.21	4,277.94	199.04	193.07	403,229	564.17	802,500	345,075
1	Container Handler, Full	H-01-103	NCT	2004	2	1.00	1.00	1.001834	1.005447	1.000485	1.025511	0.20%	0.02247	-0.00741	0.17	0.84	4.34	0.14	530.5	0.74225	121.97	604.83	3,109.54	100.78	97.76	379,910	531.55	755,440	324,839
1	Container Handler, Full	H-01-104	NCT	2004	2	1.00	1.00	1.001834	1.005447	1.000485	1.025511	0.20%	0.02247	-0.00741	0.17	0.84	4.34	0.14	530.5	0.74225	123.46	612.22	3,147.53	102.01	98.95	384,552	538.05	764,670	328,808
2	Crane, Container	H-39-011	NCT	1982	n/a	1.00	1.00	1.013653	1.053741	1.006972	1.137402	0.33%	0.02247	0.03142	2.61	8.21	15.56	2.21	618.2	0.864757	273.78	862.67	1,635.00	232.18	225.21	64,972	90.88	227,000	47,670
2	Crane, Container	H-39-013	NCT	1981	n/a	1.00	1.00	1.014247	1.056077	1.007275	1.143376	0.33%	0.02247	0.03142	2.6														

Table A-1 Raw Data List of all Equipment Greater than 25 Horsepower

SI	Equipment	Model	Year	Age	HP	Efficiency	HC	CO	NOx	PM	Sox	HC	CO	NOx	PM	CO2	SO2	HC	CO	NOx	PM	PM10	PM2.5	CO2	SO2				
1	Container Handler, Full	H-01-092	WWT	2001	n/a	1.00	1.00	1.011649	1.032682	1.007766	1.153055	0.33%	0.02247	0.02663	0.31	0.77	5.62	0.26	530.0	0.741596	289.64	715.31	5193.49	241.64	234.39	489,527	684.91	974,250	418,928
1	Container Handler, Full	H-01-093	WWT	2001	n/a	1.00	1.00	1.011649	1.032682	1.007766	1.153055	0.33%	0.02247	0.02663	0.31	0.77	5.62	0.26	530.0	0.741596	300.19	741.37	5382.74	250.44	242.93	507,365	709.87	1,009,750	434,193
1	Container Handler, Full	H-01-098	WWT	2001	n/a	1.00	1.00	1.011649	1.032682	1.007766	1.153055	0.33%	0.02247	0.02663	0.31	0.77	5.62	0.26	530.0	0.741596	275.29	679.88	4936.29	229.67	222.78	465,283	650.99	926,000	398,180
1	Container Handler, Full	H-01-100	WWT	2003	n/a	1.00	1.00	1.005501	1.016341	1.001456	1.076527	0.20%	0.02247	-0.00741	0.31	0.76	4.01	0.15	530.0	0.741605	276.13	675.27	3548.68	130.54	126.63	469,559	656.97	934,500	401,835
2	Crane, Container	H-39-012	WWT	1982	n/a	1.00	1.00	1.013653	1.053741	1.006972	1.137402	0.33%	0.02247	0.03142	2.61	8.21	15.56	2.21	618.2	0.864757	90.94	286.54	543.08	77.12	74.81	21,581	30.19	75,400	15,834
2	Crane, Container	H-39-014	WWT	1981	n/a	1.00	1.00	1.014247	1.056077	1.007275	1.143376	0.33%	0.02247	0.03142	2.61	8.23	15.56	2.22	618.2	0.86475	333.31	1051.97	1989.97	284.00	275.48	79,053	110.58	276,200	58,002
3	Crane, RTG	H-41-001	WWT	1980	n/a	1.00	1.00	1.01484	1.058414	1.007578	1.14935	0.33%	0.02247	0.03142	2.61	8.25	15.57	2.23	618.2	0.864743	613.64	1939.88	3662.59	525.33	509.57	145,454	203.45	508,200	106,722
3	Crane, RTG	H-41-003	WWT	1987	n/a	1.00	1.00	1.010685	1.042058	1.005456	1.107532	0.33%	0.02247	0.03142	2.60	8.12	15.53	2.15	618.3	0.864791	517.69	1617.89	3096.07	428.59	415.73	123,222	172.36	430,500	90,405
3	Crane, RTG	H-41-011	WWT	1998	n/a	1.00	1.00	1.003183	1.008929	1.002122	1.041818	0.33%	0.02247	0.03142	0.34	3.44	6.43	0.42	625.5	0.875094	285.78	2882.60	5390.45	349.02	338.55	524,042	733.20	1,809,770	380,052
3	Crane, RTG	H-41-012	WWT	1998	n/a	1.00	1.00	1.003183	1.008929	1.002122	1.041818	0.33%	0.02247	0.03142	0.34	3.44	6.43	0.42	625.5	0.875094	294.43	2969.89	5553.68	359.59	348.80	539,910	755.40	1,864,570	391,560
3	Crane, RTG	H-41-013	WWT	1998	n/a	1.00	1.00	1.003183	1.008929	1.002122	1.041818	0.33%	0.02247	0.03142	0.34	3.44	6.43	0.42	625.5	0.875094	288.59	2910.97	5443.50	352.46	341.88	529,199	740.42	1,827,580	383,792
3	Crane, RTG	H-41-014	WWT	1998	n/a	1.00	1.00	1.003183	1.008929	1.002122	1.041818	0.33%	0.02247	0.03142	0.34	3.44	6.43	0.42	625.5	0.875094	288.27	2907.70	5437.38	352.06	341.50	528,604	739.59	1,825,525	383,360
3	Crane, RTG	H-41-018	WWT	2000	n/a	1.00	1.00	1.002273	1.006378	1.001516	1.02987	0.33%	0.02247	0.03142	0.34	3.43	6.43	0.41	625.5	0.875095	273.52	2754.51	5160.86	330.23	320.33	502,026	702.40	1,733,735	364,084
3	Crane, RTG	H-41-019	WWT	2000	n/a	1.00	1.00	1.002273	1.006378	1.001516	1.02987	0.33%	0.02247	0.03142	0.34	3.43	6.43	0.41	625.5	0.875095	207.17	2086.29	3908.87	250.12	242.62	380,239	532.00	1,313,145	275,760
3	Crane, RTG	H-41-020	WWT	2000	n/a	1.00	1.00	1.002273	1.006378	1.001516	1.02987	0.33%	0.02247	0.03142	0.34	3.43	6.43	0.41	625.5	0.875095	241.97	2436.72	4565.45	292.13	283.37	444,108	621.36	1,533,715	322,080
3	Crane, RTG	H-41-021	WWT	2000	n/a	1.00	1.00	1.002273	1.006378	1.001516	1.02987	0.33%	0.02247	0.03142	0.34	3.43	6.43	0.41	625.5	0.875095	257.64	2594.53	4861.11	311.05	301.72	472,869	661.60	1,633,040	342,938
3	Crane, RTG	H-41-024	WWT	2000	n/a	1.00	1.00	1.002273	1.006378	1.001516	1.02987	0.33%	0.02247	0.03142	0.34	3.43	6.43	0.41	625.5	0.875095	313.72	3159.36	5919.39	378.77	367.41	575,813	805.64	1,988,555	417,597
3	Crane, RTG	H-41-025	WWT	2000	n/a	1.00	1.00	1.002273	1.006378	1.001516	1.02987	0.33%	0.02247	0.03142	0.34	3.43	6.43	0.41	625.5	0.875095	309.83	3120.18	5845.98	374.07	362.85	568,672	795.65	1,963,895	412,418
3	Crane, RTG	H-41-026	WWT	2000	n/a	1.00	1.00	1.002273	1.006378	1.001516	1.02987	0.33%	0.02247	0.03142	0.34	3.43	6.43	0.41	625.5	0.875095	315.02	3172.42	5943.85	380.34	368.93	578,193	808.97	1,996,775	419,323
3	Crane, RTG	H-41-027	WWT	2000	n/a	1.00	1.00	1.002273	1.006378	1.001516	1.02987	0.33%	0.02247	0.03142	0.34	3.43	6.43	0.41	625.5	0.875095	311.46	3136.51	5876.56	376.03	364.75	571,647	799.81	1,974,170	414,576
3	Crane, RTG	H-41-028	WWT	2000	n/a	1.00	1.00	1.002273	1.006378	1.001516	1.02987	0.33%	0.02247	0.03142	0.34	3.43	6.43	0.41	625.5	0.875095	312.43	3146.30	5894.92	377.20	365.89	573,433	802.31	1,980,335	415,870
3	Crane, RTG	H-41-029	WWT	2000	n/a	1.00	1.00	1.002273	1.006378	1.001516	1.02987	0.33%	0.02247	0.03142	0.34	3.43	6.43	0.41	625.5	0.875095	268.88	2707.71	5073.18	324.62	314.88	493,497	690.47	1,704,280	357,899
3	Crane, RTG	H-41-030	WWT	2004	2	1.00	1.00	1.000429	1.001276	1.000114	1.005974	0.20%	0.02247	-0.00874	0.38	2.17	4.78	0.27	625.3	0.874916	274.91	1571.18	3456.93	195.46	189.59	452,193	632.67	1,561,950	328,010
3	Crane, RTG	H-41-031	WWT	2004	2	1.00	1.00	1.000429	1.001276	1.000114	1.005974	0.20%	0.02247	-0.00874	0.38	2.17	4.78	0.27	625.3	0.874916	292.61	1672.40	3679.62	208.05	201.81	481,323	673.43	1,662,570	349,140
3	Crane, RTG	H-41-032	WWT	2004	2	1.00	1.00	1.000429	1.001276	1.000114	1.005974	0.20%	0.02247	-0.00874	0.38	2.17	4.78	0.27	625.3	0.874916	274.18	1567.06	3447.87	194.95	189.10	451,007	631.01	1,557,855	327,150
3	Crane, RTG	H-41-033	WWT	2004	2	1.00	1.00	1.000429	1.001276	1.000114	1.005974	0.20%	0.02247	-0.00874	0.38	2.17	4.78	0.27	625.3	0.874916	277.79	1587.66	3493.18	197.51	191.58	456,935	639.31	1,578,330	331,449
4	Container Handler, Empty	H-01-076	WWT	1998	n/a	1.00	1.00	1.020386	1.057193	1.01359	1.267845	0.33%	0.02247	0.02663	0.32	0.79	5.66	0.29	530.0	0.741584	129.39	324.34	2313.55	118.76	115.20	216,813	303.35	431,505	185,547
4	Container Handler, Empty	H-01-077	WWT	1999	n/a	1.00	1.00	1.017473	1.049023	1.011649	1.229582	0.33%	0.02247	0.02663	0.32	0.79	5.65	0.28	530.0	0.741588	81.07	202.21	1450.82	72.16	69.99	136,224	190.59	271,115	116,579
4	Container Handler, Empty	H-01-078	WWT	2000	1	1.00	1.00	1.014561	1.040852	1.009707	1.191318	0.33%	0.02247	0.02663	0.31	0.78	5.63	0.27	530.0	0.741592	138.28	343.21	2477.05	119.23	115.66	233,031	326.04	463,778	199,425
4	Container Handler, Empty	H-01-085	WWT	2000	1	1.00	1.00	1.014561	1.040852	1.009707	1.191318	0.33%	0.02247	0.02663	0.31	0.78	5.63	0.27	530.0	0.741592	135.82	337.10	2433.01	117.11	113.60	228,888	320.24	455,532	195,879
4	Container Handler, Empty	H-01-086	WWT	2000	1	1.00	1.00	1.014561	1.040852	1.009707	1.191318	0.33%	0.02247	0.02663	0.31	0.78	5.63	0.27	530.0	0.741592	185.70	460.92	3326.64	160.13	155.32	312,957	437.87	622,846	267,824
4	Container Handler, Empty	H-01-087	WWT	2000	1	1.00	1.00	1.014561	1.040852	1.009707	1.191318	0.33%	0.02247	0.02663	0.31	0.78	5.63	0.27	530.0	0.741592	220.83	548.10	3955.87	190.42	184.70	372,152	520.69	740,656	318,482
4	Container Handler, Empty	H-01-088	WWT	2000	1	1.00	1.00	1.014561	1.040852	1.009707	1.191318	0.33%	0.02247	0.02663	0.31	0.78	5.63	0.27	530.0	0.741592	200.25	497.03	3587.23	172.67	167.49	337,472	472.17	671,636	288,803
4	Container Handler, Empty	H-01-090	WWT	2000	1	1.00	1.00	1.014561	1.040852	1.009707	1.191318	0.33%	0.02247	0.02663	0.31	0.78	5.63	0.27	530.0	0.741592	178.89	444.01	3204.61	154.25	149.63	301,477	421.80	599,998	257,999
4	Container Handler, Empty	H-01-091	WWT	2000	1	1.00	1.00	1.014561	1																				

Table A-1 Raw Data List of all Equipment Greater than 25 Horsepower

7	Forklift 15.5K	M-75-198	CST	2003	n/a	1.00	1.00	1.0624	1.0840	1.0072	1.0624	0.03000	2.32	44.37	12.08	0.05	726.2	0.035321	37.84	723.68	196.96	0.87	0.87	11,844	0.58	24,660	7,398
7	Forklift 5K	M-75-202	CST	2003	n/a	1.00	1.00	1.0624	1.0840	1.0072	1.0624	0.03000	2.32	44.37	12.08	0.05	726.2	0.035321	124.91	2388.66	650.10	2.86	2.86	39,094	1.90	81,395	24,419
7	Forklift 5K	M-75-203	CST	2003	n/a	1.00	1.00	1.0624	1.0840	1.0072	1.0624	0.03000	2.32	44.37	12.08	0.05	726.2	0.035321	181.59	3472.66	945.12	4.16	4.16	56,836	2.76	118,333	35,500
8	Sweeper	M-92-019	CST	1998	n/a	1.00	1.00	1.2223	1.2992	1.0256	1.2223	0.03000	2.67	53.18	12.30	0.06	725.1	0.035265	57.45	1144.57	264.67	1.32	1.32	15,606	0.76	13,750	9,763
7	Forklift 8K	M-75-114	NCT	1987	n/a	1.00	1.00	1.2600	1.3500	1.0300	1.2600	0.03000	2.75	55.26	12.35	0.06	724.8	0.035252	33.63	675.40	150.94	0.77	0.77	8,859	0.43	18,480	5,544
7	Forklift 8K	M-75-120	NCT	1987	n/a	1.00	1.00	1.2600	1.3500	1.0300	1.2600	0.03000	2.75	55.26	12.35	0.06	724.8	0.035252	24.61	494.13	110.43	0.56	0.56	6,481	0.32	13,520	4,056
7	Forklift 11K	M-75-142	NCT	1992	n/a	1.00	1.00	1.2600	1.3500	1.0300	1.2600	0.03000	2.75	55.26	12.35	0.06	724.8	0.035252	27.52	552.60	123.50	0.63	0.63	7,248	0.35	15,120	4,536
7	Forklift 11K	M-75-145	NCT	1993	n/a	1.00	1.00	1.2600	1.3500	1.0300	1.2600	0.03000	2.75	55.26	12.35	0.06	724.8	0.035252	53.89	1082.18	241.85	1.23	1.23	14,195	0.69	29,610	8,883
7	Forklift 12K	M-75-147	NCT	1994	n/a	1.00	1.00	1.2600	1.3500	1.0300	1.2600	0.03000	2.75	55.26	12.35	0.06	724.8	0.035252	57.82	1161.12	259.49	1.32	1.32	15,230	0.74	31,770	9,531
7	Forklift 11K	M-75-161	NCT	1997	n/a	1.00	1.00	1.2496	1.3360	1.0288	1.2496	0.03000	2.73	54.69	12.34	0.06	724.9	0.035255	68.55	1373.69	309.85	1.57	1.57	18,209	0.89	37,980	11,394
7	Forklift 11K	M-75-163	NCT	1997	n/a	1.00	1.00	1.2496	1.3360	1.0288	1.2496	0.03000	2.73	54.69	12.34	0.06	724.9	0.035255	54.10	1083.98	244.50	1.24	1.24	14,369	0.70	29,970	8,991
7	Forklift 11K	M-75-170	NCT	1998	n/a	1.00	1.00	1.2184	1.2940	1.0252	1.2184	0.03000	2.66	52.97	12.29	0.06	725.1	0.035266	124.02	2468.68	572.90	2.84	2.84	33,796	1.64	70,470	21,141
8	Sweeper	M-92-014	NCT	1998	n/a	1.00	1.00	1.2223	1.2992	1.0256	1.2223	0.03000	2.67	53.18	12.30	0.06	725.1	0.035265	39.75	791.87	183.11	0.91	0.91	10,797	0.53	9,513	6,754
8	Sweeper	M-92-015	NCT	1998	n/a	1.00	1.00	1.2223	1.2992	1.0256	1.2223	0.03000	2.67	53.18	12.30	0.06	725.1	0.035265	1.32	26.22	6.06	0.03	0.03	358	0.02	315	224
8	Sweeper	M-92-022	NCT	2000	n/a	1.00	1.00	1.2600	1.3500	1.0300	1.2600	0.03000	2.75	55.26	12.35	0.06	724.8	0.035252	10.84	217.62	48.64	0.25	0.25	2,855	0.14	2,516	1,786
6	Tractor Tow	M-55-035	UPT	1999	n/a	1.00	1.00	1.2002	1.2695	1.0231	1.2002	0.03000	2.62	51.97	12.27	0.06	725.3	0.035273	86.78	1720.43	406.12	1.99	1.99	24,011	1.17	27,810	15,017
6	Tractor Tow	M-55-037	UPT	2001	n/a	1.00	1.00	1.1335	1.1797	1.0154	1.1335	0.03000	2.48	48.29	12.17	0.06	725.7	0.035296	83.55	1629.73	410.89	1.91	1.91	24,493	1.19	28,350	15,309
7	Forklift 8K	M-75-118	UPT	1987	n/a	1.00	1.00	1.2600	1.3500	1.0300	1.2600	0.03000	2.75	55.26	12.35	0.06	724.8	0.035252	53.00	1064.27	237.85	1.21	1.21	13,960	0.68	29,120	8,736
7	Forklift 8K	M-75-125	UPT	1987	n/a	1.00	1.00	1.2600	1.3500	1.0300	1.2600	0.03000	2.75	55.26	12.35	0.06	724.8	0.035252	30.43	611.08	136.57	0.70	0.70	8,015	0.39	16,720	5,016
7	Forklift 8K	M-75-128	UPT	1987	n/a	1.00	1.00	1.2600	1.3500	1.0300	1.2600	0.03000	2.75	55.26	12.35	0.06	724.8	0.035252	42.52	853.76	190.80	0.97	0.97	11,199	0.54	23,360	7,008
7	Forklift 11K	M-75-143	UPT	1992	n/a	1.00	1.00	1.2600	1.3500	1.0300	1.2600	0.03000	2.75	55.26	12.35	0.06	724.8	0.035252	6.55	131.57	29.40	0.15	0.15	1,726	0.08	3,600	1,080
7	Forklift 8K	M-75-165	UPT	1997	n/a	1.00	1.00	1.2496	1.3360	1.0288	1.2496	0.03000	2.73	54.69	12.34	0.06	724.9	0.035255	5.78	115.74	26.11	0.13	0.13	1,534	0.07	3,200	960
7	Forklift 12K	M-75-178	UPT	2000	n/a	1.00	1.00	1.1560	1.2100	1.0180	1.1560	0.03000	2.52	49.53	12.21	0.06	725.6	0.035288	74.99	1471.15	362.54	1.72	1.72	21,551	1.05	44,910	13,473
7	Forklift 12K	M-75-179	UPT	2000	n/a	1.00	1.00	1.1560	1.2100	1.0180	1.1560	0.03000	2.52	49.53	12.21	0.06	725.6	0.035288	45.08	884.46	217.96	1.03	1.03	12,957	0.63	27,000	8,100
7	Forklift 8K	M-75-192	UPT	2001	n/a	1.00	1.00	1.1248	1.1680	1.0144	1.1248	0.03000	2.46	47.81	12.16	0.06	725.8	0.035299	59.79	1163.64	296.02	1.37	1.37	17,665	0.86	36,800	11,040
7	Forklift 5K	M-75-194	UPT	2001	n/a	1.00	1.00	1.1248	1.1680	1.0144	1.1248	0.03000	2.46	47.81	12.16	0.06	725.8	0.035299	105.79	2059.01	523.80	2.42	2.42	31,257	1.52	65,116	19,535
7	Forklift 15.5K	M-75-199	UPT	2003	n/a	1.00	1.00	1.0624	1.0840	1.0072	1.0624	0.03000	2.32	44.37	12.08	0.05	726.2	0.035321	46.13	882.16	240.09	1.06	1.06	14,438	0.70	30,060	9,018
8	Sweeper	M-92-020	UPT	1998	n/a	1.00	1.00	1.2223	1.2992	1.0256	1.2223	0.03000	2.67	53.18	12.30	0.06	725.1	0.035265	24.59	489.87	113.28	0.56	0.56	6,679	0.32	5,885	4,178
8	Sweeper	M-92-024	UPT	2001	n/a	1.00	1.00	1.1270	1.1710	1.0147	1.1270	0.03000	2.46	47.93	12.17	0.06	725.8	0.035298	45.62	888.30	225.46	1.04	1.04	13,450	0.65	11,840	8,406
7	Forklift 11K	M-75-138	WWT	1991	n/a	1.00	1.00	1.2600	1.3500	1.0300	1.2600	0.03000	2.75	55.26	12.35	0.06	724.8	0.035252	20.15	404.58	90.42	0.46	0.46	5,307	0.26	11,070	3,321
7	Forklift 15.5K	M-75-146	WWT	1993	n/a	1.00	1.00	1.2600	1.3500	1.0300	1.2600	0.03000	2.75	55.26	12.35	0.06	724.8	0.035252	32.27	647.99	144.81	0.74	0.74	8,500	0.41	17,730	5,319
7	Forklift 8K	M-75-155	WWT	1996	n/a	1.00	1.00	1.2600	1.3500	1.0300	1.2600	0.03000	2.75	55.26	12.35	0.06	724.8	0.035252	47.03	944.39	211.06	1.08	1.08	12,388	0.60	25,840	7,752
7	Forklift 8K	M-75-156	WWT	1996	n/a	1.00	1.00	1.2600	1.3500	1.0300	1.2600	0.03000	2.75	55.26	12.35	0.06	724.8	0.035252	48.48	973.63	217.59	1.11	1.11	12,771	0.62	26,640	7,992
7	Forklift 8K	M-75-157	WWT	1996	n/a	1.00	1.00	1.2600	1.3500	1.0300	1.2600	0.03000	2.75	55.26	12.35	0.06	724.8	0.035252	26.79	537.98	120.23	0.61	0.61	7,057	0.34	14,720	4,416
7	Forklift 8K	M-75-168	WWT	1998	n/a	1.00	1.00	1.2184	1.2940	1.0252	1.2184	0.03000	2.66	52.97	12.29	0.06	725.1	0.035266	24.50	487.64	113.17	0.56	0.56	6,676	0.32	13,920	4,176
7	Forklift 11K	M-75-169	WWT	1998	n/a	1.00	1.00	1.2184	1.2940	1.0252	1.2184	0.03000	2.66	52.97	12.29	0.06	725.1	0.035266	27.88	554.90	128.77	0.64	0.64	7,597	0.37	15,840	4,752
7	Forklift 5K	M-75-183	WWT	2001	n/a	1.00	1.00	1.1248	1.1680	1.0144	1.1248	0.03000	2.46	47.81	12.16	0.06	725.8	0.035299	7.71	150.04	38.17	0.18	0.18	2,278	0.11	4,745	1,424
7	Forklift 8K	M-75-191	WWT	2001	n/a	1.00	1.00	1.1248	1.1680	1.0144	1.1248	0.03000	2.46	47.81	12.16	0.06	725.8	0.035299	23.53	457.87	116.48	0.54	0.54	6,951	0.34	14,480	4,344
8	Sweeper	M-92-021	WWT	1999	n/a	1.00	1.00	1.1905	1.2565	1.0220	1.1905	0.03000	2.60	51.43	12.25	0.06	725.3	0.035276	3.88	76.80	18.30	0.09	0.09	1,083	0.05	954	677
8	Sweeper	M-92-023	WWT	2001	n/a	1.00	1.00	1.1270	1.1710	1.0147	1.1270	0.03000	2.46	47.93	12.17	0.06	725.8	0.035298	33.								