

Date / time	% O2	ppm CO	l/min Pump	ppm NO	ppm NO2	ppm NOx	°F Tf	% Gen Load	Load (KW) 50 KW Max	Calculated Eng Load 91 HP Max	HP Calculated	Diesel Ratio	Fuel (GPH)	% Natural Gas	Intake Air (PSI)	Exhaust Temp (F)	g/BHP-hr (3.7 Limit)	g/kW-hr (5.0 Limit)	g/BHP-hr (3.0 Limit)	g/kW-hr (4.0 Limit)	Back Pressure (In Hg)	Nat Gas (CFM)	CFH	
07/29/2009 9:44:43 AM	16.47	296	1.06	81	16.1	97	91.8	23.8%	11.9	17.4%	15.9	100.00%	2.0	0.00%										
07/29/2009 9:45:13 AM	16.46	295	1.06	83	17.0	100	91.8	23.8%	11.9	17.4%	15.9	100.00%	2.0	0.00%										
07/29/2009 9:45:43 AM	16.46	292	1.06	83	17.5	101	91.8	23.8%	11.9	17.4%	15.9	100.00%	2.0	0.00%										
07/29/2009 9:46:13 AM	16.47	289	1.06	84	17.7	102	91.9	23.8%	11.9	17.4%	15.9	100.00%	2.0	0.00%										
07/29/2009 9:46:43 AM	16.47	289	1.06	84	17.6	102	92.1	23.8%	11.9	17.4%	15.9	100.00%	2.0	0.00%										
07/29/2009 9:47:13 AM	16.48	286	1.06	84	17.6	102	91.9	23.8%	11.9	17.4%	15.9	100.00%	2.0	0.00%										
07/29/2009 9:47:43 AM	16.47	284	1.06	85	17.8	103	92.0	23.8%	11.9	17.4%	15.9	100.00%	2.0	0.00%										
07/29/2009 9:48:13 AM	16.48	283	1.07	84	17.6	101	92.3	23.8%	11.9	17.4%	15.9	100.00%	2.0	0.00%										
07/29/2009 9:48:43 AM	16.47	284	1.07	82	17.6	99	92.3	23.8%	11.9	17.4%	15.9	100.00%	2.0	0.00%										
07/29/2009 9:49:13 AM	16.48	283	1.06	83	17.7	100	92.5	23.8%	11.9	17.4%	15.9	100.00%	2.0	0.00%										
07/29/2009 9:49:43 AM	16.48	282	1.07	83	17.6	101	92.6	23.8%	11.9	17.4%	15.9	100.00%	2.0	0.00%										
07/29/2009 9:50:13 AM	16.49	280	1.07	85	17.6	103	92.6	23.8%	11.9	17.4%	15.9	100.00%	2.0	0.00%										
07/29/2009 9:50:43 AM	16.50	276	1.07	85	18.0	103	92.8	23.8%	11.9	17.4%	15.9	100.00%	2.0	0.00%										
07/29/2009 9:51:13 AM	16.51	274	1.07	86	18.2	105	92.9	23.8%	11.9	17.4%	15.9	100.00%	2.0	0.00%										
07/29/2009 9:51:43 AM	16.52	272	1.07	87	17.9	105	92.6	23.8%	11.9	17.4%	15.9	100.00%	2.0	0.00%										
07/29/2009 9:52:13 AM	16.51	273	1.07	87	18.0	105	92.7	23.8%	11.9	17.4%	15.9	100.00%	2.0	0.00%										
07/29/2009 9:52:43 AM	16.51	272	1.07	87	18.5	105	92.6	23.8%	11.9	17.4%	15.9	100.00%	2.0	0.00%										
07/29/2009 9:53:13 AM	16.52	272	1.07	87	18.3	105	92.6	23.8%	11.9	17.4%	15.9	100.00%	2.0	0.00%										
07/29/2009 9:53:43 AM	16.51	271	1.07	87	18.4	105	92.8	23.8%	11.9	17.4%	15.9	100.00%	2.0	0.00%										
Average Through Test	16.53	279.55	1.06	83.30	17.13	100.45	92.32										8.23		4.86					
07/29/2009 9:58:19 AM	16.76	75	0.99	92	4.5	96	92.9	55.5%	27.8	40.7%	37.0	100.00%	2.7	0.00%	9	662								
07/29/2009 9:58:49 AM	14.72	218	1.06	143	11.3	154	93.2	55.5%	27.8	40.7%	37.0	100.00%	2.7	0.00%	9	662								
07/29/2009 9:59:19 AM	14.68	216	1.06	145	11.6	156	93.7	55.5%	27.8	40.7%	37.0	100.00%	2.7	0.00%	9	662								
07/29/2009 9:59:49 AM	14.66	214	1.06	147	11.2	158	93.6	55.5%	27.8	40.7%	37.0	100.00%	2.7	0.00%	9	662								
07/29/2009 10:00:19 AM	14.65	214	1.06	148	11.1	159	93.5	55.5%	27.8	40.7%	37.0	100.00%	2.7	0.00%	9	662								
07/29/2009 10:00:49 AM	14.66	215	1.06	149	10.4	159	93.5	55.5%	27.8	40.7%	37.0	100.00%	2.7	0.00%	9	662								
07/29/2009 10:01:19 AM	14.66	213	1.06	149	10.3	160	92.4	55.5%	27.8	40.7%	37.0	100.00%	2.7	0.00%	9	662								
07/29/2009 10:01:49 AM	14.66	212	1.06	151	10.4	161	92.4	55.5%	27.8	40.7%	37.0	100.00%	2.7	0.00%	9	662								
07/29/2009 10:02:19 AM	14.66	214	1.07	151	9.9	161	92.8	55.5%	27.8	40.7%	37.0	100.00%	2.7	0.00%	9	662								
07/29/2009 10:02:49 AM	14.66	212	1.07	152	9.7	161	93.2	55.5%	27.8	40.7%	37.0	100.00%	2.7	0.00%	9	662								
07/29/2009 10:03:19 AM	14.67	213	1.07	152	9.7	161	93.1	55.5%	27.8	40.7%	37.0	100.00%	2.7	0.00%	9	662								
07/29/2009 10:03:49 AM	14.66	211	1.07	153	9.5	162	93.2	55.5%	27.8	40.7%	37.0	100.00%	2.7	0.00%	9	662								
07/29/2009 10:04:19 AM	14.67	211	1.07	152	9.2	162	93.2	55.5%	27.8	40.7%	37.0	100.00%	2.7	0.00%	9	662								
07/29/2009 10:04:49 AM	14.66	210	1.07	153	9.3	162	93.5	55.5%	27.8	40.7%	37.0	100.00%	2.7	0.00%	9	662								
07/29/2009 10:05:19 AM	14.66	211	1.07	153	9.3	163	93.6	55.5%	27.8	40.7%	37.0	100.00%	2.7	0.00%	9	662								
07/29/2009 10:05:49 AM	14.66	209	1.07	153	8.9	162	93.6	55.5%	27.8	40.7%	37.0	100.00%	2.7	0.00%	9	662								
07/29/2009 10:06:19 AM	14.67	210	1.07	153	8.6	162	93.2	55.5%	27.8	40.7%	37.0	100.00%	2.7	0.00%	9	662								
07/29/2009 10:06:49 AM	14.67	210	1.07	154	8.9	163	93.1	55.5%	27.8	40.7%	37.0	100.00%	2.7	0.00%	9	662								
07/29/2009 10:07:19 AM	14.60	209	1.06	154	8.3	163	93.1	55.5%	27.8	40.7%	37.0	100.00%	2.7	0.00%	9	662								
07/29/2009 10:07:49 AM	14.66	208	1.08	154	8.4	163	93.4	55.5%	27.8	40.7%	37.0	100.00%	2.7	0.00%	9	662								
Average Through Test	14.77	205.25	1.06	147.90	9.54	157.40	93.21										2.49		3.13					
07/29/2009 10:10:45 AM	13.81	252	1.05	147	7.1	154	93.7	76.2%	38.1	55.9%	50.8	100.00%	3.6	0.00%	13.5	716								
07/29/2009 10:11:15 AM	13.82	248	1.05	149	6.0	155	93.8	76.2%	38.1	55.9%	50.8	100.00%	3.6	0.00%	13.5	716								
07/29/2009 10:11:45 AM	13.82	248	1.05	151	5.1	156	93.9	76.2%	38.1	55.9%	50.8	100.00%	3.6	0.00%	13.5	716								
07/29/2009 10:12:15 AM	13.82	248	1.05	153	4.3	157	93.9	76.2%	38.1	55.9%	50.8	100.00%	3.6	0.00%	13.5	716								
07/29/2009 10:12:45 AM	13.82	245	1.05	154	4.1	158	94.2	76.2%	38.1	55.9%	50.8	100.00%	3.6	0.00%	13.5	716								
07/29/2009 10:13:15 AM	13.82	243	1.06	155	3.5	159	94.2	76.2%	38.1	55.9%	50.8	100.00%	3.6	0.00%	13.5	716								
07/29/2009 10:13:45 AM	13.81	244	1.05	156	3.3	159	94.1	76.2%	38.1	55.9%	50.8	100.00%	3.6	0.00%	13.5	716								
07/29/2009 10:14:15 AM	13.81	246	1.06	157	3.3	160	94.5	76.2%	38.1	55.9%	50.8	100.00%	3.6	0.00%	13.5	716								
07/29/2009 10:14:45 AM	13.81	245	1.06	157	3.1	160	94.8	76.2%	38.1	55.9%	50.8	100.00%	3.6	0.00%	13.5	716								
07/29/2009 10:15:15 AM	13.81	244	1.06	158	2.9	161	94.9	76.2%	38.1	55.9%	50.8	100.00%	3.6	0.00%	13.5	716								
07/29/2009 10:15:45 AM	13.82	244	1.06	158	3.0	161	94.8	76.2%	38.1	55.9%	50.8	100.00%	3.6	0.00%	13.5	716								
07/29/2009 10:16:15 AM	13.82	243	1.06	159	2.8	161	95.2	76.2%	38.1	55.9%	50.8	100.00%	3.6	0.00%	13.5	716								
07/29/2009 10:16:45 AM	13.82	241	1.06	159	2.8	162	95.1	76.2%	38.1	55.9%	50.8	100.00%	3.6	0.00%	13.5	716								
07/29/2009 10:17:15 AM	13.83	243	1.06	159	2.7	162	95.0	76.2%	38.1	55.9%	50.8	100.00%	3.6	0.00%	13.5	716								
07/29/2009 10:17:45 AM	13.82	246	1.06	158	2.8	161	95.0	76.2%	38.1	55.9%	50.8	100.00%	3.6	0.00%	13.5	716								
07/29/2009 10:18:15 AM	13.81	246	1.06	158	2.7	161	95.2	76.2%	38.1	55.9%	50.8	100.00%	3.6	0.00%	13.5	716								
07/29/2009 10:18:45 AM	13.81	246	1.06	159	2.7	161	95.2	76.2%	38.1	55.9%	50.8	100.00%	3.6	0.00%	13.5	716								
07/29/2009 10:19:15 AM	13.82	242	1.07	159	2.9	162	94.6	76.2%	38.1	55.9%	50.8	100.00%	3.6	0.00%	13.5	716								
07/29/2009 10:20:15 AM	13.82	243	1.07	159	2.7	161	95.1	76.2%	38.1	55.9%	50.8	100.00%	3.6	0.00%	13.5	716								
Average Through Test	13.82	245.00	1.06	156.15	3.53	1																		

Date / time	% O2	ppm CO	l/min Pump	ppm NO	ppm NO2	ppm NOx	°F Tf	% Gen Load	Load (KW) <small>50 KW Max</small>	Calculated Eng Load <small>91 HP Max</small>	HP Calculated	Diesel Ratio	Fuel (GPH)	% Natural Gas	Intake Air (PSI)	Exhaust Temp (F)	g/BHP-hr <small>(3.7 Limit)</small>	g/kW-hr <small>(5.0 Limit)</small>	g/BHP-hr <small>(3.0 Limit)</small>	g/kW-hr <small>(4.0 Limit)</small>	Back Pressure <small>(In Hg)</small>	Nat Gas <small>(CFM)</small>	CFH	
07/29/2009 10:23:28 AM	13.00	170	1.07	179	1.8	180	94.8	101.9%	50.9	74.6%	67.9	100.00%	4.7	0.00%	19.2	759								
07/29/2009 10:23:58 AM	13.00	168	1.07	180	1.8	182	94.8	101.9%	50.9	74.6%	67.9	100.00%	4.7	0.00%	19.2	759								
07/29/2009 10:24:28 AM	13.00	168	1.07	181	1.6	182	95.1	101.9%	50.9	74.6%	67.9	100.00%	4.7	0.00%	19.2	759								
07/29/2009 10:24:58 AM	13.00	167	1.07	182	1.6	184	94.8	101.9%	50.9	74.6%	67.9	100.00%	4.7	0.00%	19.2	759								
07/29/2009 10:25:28 AM	13.00	167	1.08	182	1.5	184	94.8	101.9%	50.9	74.6%	67.9	100.00%	4.7	0.00%	19.2	759								
07/29/2009 10:25:58 AM	13.00	167	1.08	182	1.4	184	95.1	101.9%	50.9	74.6%	67.9	100.00%	4.7	0.00%	19.2	759								
07/29/2009 10:26:28 AM	13.01	167	1.08	183	1.3	184	95.1	101.9%	50.9	74.6%	67.9	100.00%	4.7	0.00%	19.2	759								
07/29/2009 10:26:58 AM	13.01	165	1.08	183	1.3	185	95.0	101.9%	50.9	74.6%	67.9	100.00%	4.7	0.00%	19.2	759								
07/29/2009 10:27:28 AM	13.02	164	1.08	183	1.4	185	94.8	101.9%	50.9	74.6%	67.9	100.00%	4.7	0.00%	19.2	759								
07/29/2009 10:27:58 AM	13.01	166	1.08	183	1.3	184	95.0	101.9%	50.9	74.6%	67.9	100.00%	4.7	0.00%	19.2	759								
07/29/2009 10:28:28 AM	13.01	166	1.08	183	1.3	184	95.0	101.9%	50.9	74.6%	67.9	100.00%	4.7	0.00%	19.2	759								
07/29/2009 10:28:58 AM	13.02	166	1.08	183	1.4	185	95.1	101.9%	50.9	74.6%	67.9	100.00%	4.7	0.00%	19.2	759								
07/29/2009 10:29:28 AM	13.02	166	1.08	183	1.3	185	95.1	101.9%	50.9	74.6%	67.9	100.00%	4.7	0.00%	19.2	759								
07/29/2009 10:29:58 AM	13.00	166	1.08	183	1.3	185	95.1	101.9%	50.9	74.6%	67.9	100.00%	4.7	0.00%	19.2	759								
07/29/2009 10:30:28 AM	13.01	166	1.08	183	1.4	184	94.9	101.9%	50.9	74.6%	67.9	100.00%	4.7	0.00%	19.2	759								
07/29/2009 10:30:58 AM	13.00	166	1.08	184	1.2	185	95.2	101.9%	50.9	74.6%	67.9	100.00%	4.7	0.00%	19.2	759								
07/29/2009 10:31:28 AM	13.00	166	1.08	184	1.3	185	95.1	101.9%	50.9	74.6%	67.9	100.00%	4.7	0.00%	19.2	759								
07/29/2009 10:31:58 AM	13.00	165	1.08	184	1.3	185	95.2	101.9%	50.9	74.6%	67.9	100.00%	4.7	0.00%	19.2	759								
07/29/2009 10:32:28 AM	13.00	164	1.09	184	1.3	185	95.0	101.9%	50.9	74.6%	67.9	100.00%	4.7	0.00%	19.2	759								
07/29/2009 10:32:58 AM	12.99	165	1.09	184	1.3	185	95.3	101.9%	50.9	74.6%	67.9	100.00%	4.7	0.00%	19.2	759								
Average Through Test	13.01	166.25	1.08	182.65	1.41	184.10	95.02										1.49		2.70					
07/29/2009 10:41:30 AM	15.85	1978	1.05	27	47.3	74	95.3	23.2%	11.6	17.0%	15.5	45.00%	0.9	55.00%	5.2	522								
07/29/2009 10:42:30 AM	15.84	1970	1.05	27	48.1	75	95.0	23.2%	11.6	17.0%	15.5	45.00%	0.9	55.00%	5.2	522								
07/29/2009 10:43:00 AM	15.85	1977	1.05	26	48.8	75	95.4	23.2%	11.6	17.0%	15.5	45.00%	0.9	55.00%	5.2	522								
07/29/2009 10:43:30 AM	15.83	1971	1.05	25	49.2	74	95.7	23.2%	11.6	17.0%	15.5	45.00%	0.9	55.00%	5.2	522								
07/29/2009 10:44:00 AM	15.84	1974	1.06	25	49.5	75	95.9	23.2%	11.6	17.0%	15.5	45.00%	0.9	55.00%	5.2	522								
07/29/2009 10:44:30 AM	15.84	1963	1.06	25	49.9	75	95.3	23.2%	11.6	17.0%	15.5	45.00%	0.9	55.00%	5.2	522								
07/29/2009 10:45:00 AM	15.84	1973	1.05	25	51.0	76	95.5	23.2%	11.6	17.0%	15.5	45.00%	0.9	55.00%	5.2	522								
07/29/2009 10:45:30 AM	15.86	1969	1.06	25	50.6	75	95.4	23.2%	11.6	17.0%	15.5	45.00%	0.9	55.00%	5.2	522								
07/29/2009 10:46:00 AM	15.86	1969	1.06	25	51.2	76	95.2	23.2%	11.6	17.0%	15.5	45.00%	0.9	55.00%	5.2	522								
07/29/2009 10:46:30 AM	15.84	1965	1.05	25	52.2	77	95.3	23.2%	11.6	17.0%	15.5	45.00%	0.9	55.00%	5.2	522								
07/29/2009 10:47:00 AM	15.84	1967	1.06	24	51.7	75	95.5	23.2%	11.6	17.0%	15.5	45.00%	0.9	55.00%	5.2	522								
07/29/2009 10:47:30 AM	15.84	1974	1.06	23	51.4	75	95.5	23.2%	11.6	17.0%	15.5	45.00%	0.9	55.00%	5.2	522								
07/29/2009 10:48:00 AM	15.84	1959	1.06	24	51.8	75	95.3	23.2%	11.6	17.0%	15.5	45.00%	0.9	55.00%	5.2	522								
07/29/2009 10:48:30 AM	15.87	1964	1.06	24	53.0	77	95.2	23.2%	11.6	17.0%	15.5	45.00%	0.9	55.00%	5.2	522								
07/29/2009 10:49:00 AM	15.86	1974	1.06	24	52.6	76	95.3	23.2%	11.6	17.0%	15.5	45.00%	0.9	55.00%	5.2	522								
07/29/2009 10:49:30 AM	15.85	1975	1.06	23	52.6	76	95.5	23.2%	11.6	17.0%	15.5	45.00%	0.9	55.00%	5.2	522								
07/29/2009 10:50:00 AM	15.87	1973	1.06	23	53.3	76	95.3	23.2%	11.6	17.0%	15.5	45.00%	0.9	55.00%	5.2	522								
07/29/2009 10:50:30 AM	15.86	1977	1.06	23	53.1	76	94.8	23.2%	11.6	17.0%	15.5	45.00%	0.9	55.00%	5.2	522								
07/29/2009 10:51:00 AM	15.85	1972	1.06	23	52.9	76	95.4	23.2%	11.6	17.0%	15.5	45.00%	0.9	55.00%	5.2	522								
Average Through Test	15.85	1971.05	1.06	24.65	50.90	75.45	95.36										21.47		1.35					
07/29/2009 11:01:24 AM	14.21	2741	1.04	29	62.0	91	95.7	55.6%	27.8	40.7%	37.1	44.44%	1.2	55.56%	9.0	620								
07/29/2009 11:01:54 AM	14.20	2736	1.05	30	60.5	90	96.0	55.6%	27.8	40.7%	37.1	44.44%	1.2	55.56%	9.0	620								
07/29/2009 11:02:24 AM	14.20	2733	1.05	30	59.6	90	96.4	55.6%	27.8	40.7%	37.1	44.44%	1.2	55.56%	9.0	620								
07/29/2009 11:02:54 AM	14.21	2737	1.04	30	61.1	91	96.6	55.6%	27.8	40.7%	37.1	44.44%	1.2	55.56%	9.0	620								
07/29/2009 11:03:24 AM	14.20	2745	1.05	31	61.3	92	96.6	55.6%	27.8	40.7%	37.1	44.44%	1.2	55.56%	9.0	620								
07/29/2009 11:03:54 AM	14.20	2743	1.05	31	61.3	92	96.5	55.6%	27.8	40.7%	37.1	44.44%	1.2	55.56%	9.0	620								
07/29/2009 11:04:24 AM	14.18	2738	1.05	32	61.4	93	96.0	55.6%	27.8	40.7%	37.1	44.44%	1.2	55.56%	9.0	620								
07/29/2009 11:04:54 AM	14.18	2738	1.05	32	62.6	95	96.2	55.6%	27.8	40.7%	37.1	44.44%	1.2	55.56%	9.0	620								
07/29/2009 11:05:24 AM	14.18	2742	1.05	32	61.6	93	96.7	55.6%	27.8	40.7%	37.1	44.44%	1.2	55.56%	9.0	620								
07/29/2009 11:05:54 AM	14.17	2738	1.05	32	61.0	93	96.5	55.6%	27.8	40.7%	37.1	44.44%	1.2	55.56%	9.0	620								
07/29/2009 11:06:24 AM	14.17	2729	1.05	31	61.9	93	96.8	55.6%	27.8	40.7%	37.1	44.44%	1.2	55.56%	9.0	620								
07/29/2009 11:06:54 AM	14.16	2730	1.05	31	60.9	92	96.5	55.6%	27.8	40.7%	37.1	44.44%	1.2	55.56%	9.0	620								
07/29/2009 11:07:24 AM	14.16	2729	1.05	32	61.0	93	96.4	55.6%	27.8	40.7%	37.1	44.44%	1.2	55.56%	9.0	620								
07/29/2009 11:07:54 AM	14.15	2729	1.05	32	61.0	93	96.4	55.6%	27.8	40.7%	37.1	44.44%	1.2	55.56%	9.0	620								
07/29/2009 11:08:24 AM	14.15	2723	1.05	32	61.4	93	96.5	55.6%	27.8	40.7%	37.1	44.44%	1.2	55.56%	9.0	620								
07/29/2009 11:08:54 AM	14.15	2719	1.05	32	60.9	93	96.2	55.6%	27.8	40.7%	37.1	44.44%	1.2	55.56%	9.0	620								
07/29/2009 11:09:24 AM	14.16	2725	1.05	31	61.0	92	96.1	55.6%	27.8	40.7%	37.1	44.44%	1.2	55.56%	9.0	620								
07/29/2009 11:09:54 AM	14.16	2729	1.05	30	62.0	92	96.7	55.6%	27.8	40.7%	37.1	44.44%	1.2	55.56%	9.0	620								
07/29/2009 11:10:24 AM	14.15	2732	1.05																					

Date / time	% O2	ppm CO	l/min Pump	ppm NO	ppm NO2	ppm NOx	°F Tf	% Gen Load	Load (KW) 50 KW Max	Calculated Eng Load 91 HP Max	HP Calculated	Diesel Ratio	Fuel (GPH)	% Natural Gas	Intake Air (PSI)	Exhaust Temp (F)	g/BHP-hr (3.7 Limit)	g/kW-hr (5.0 Limit)	g/BHP-hr (3.0 Limit)	g/kW-hr (4.0 Limit)	Back Pressure (In Hg)	Nat Gas (CFM)	CFH	
07/29/2009 11:21:26 AM	13.25	3046	1.03	45	52.1	97	97.2	76.2%	38.1	55.8%	50.8	44.44%	1.6	55.56%	13.0	718								
07/29/2009 11:21:56 AM	13.25	3046	1.03	45	51.4	97	96.8	76.2%	38.1	55.8%	50.8	44.44%	1.6	55.56%	13.0	718								
07/29/2009 11:22:26 AM	13.25	3049	1.03	46	50.8	97	97.3	76.2%	38.1	55.8%	50.8	44.44%	1.6	55.56%	13.0	718								
07/29/2009 11:22:56 AM	13.25	3051	1.03	46	50.5	96	97.1	76.2%	38.1	55.8%	50.8	44.44%	1.6	55.56%	13.0	718								
07/29/2009 11:23:26 AM	13.24	3045	1.03	45	50.9	96	97.2	76.2%	38.1	55.8%	50.8	44.44%	1.6	55.56%	13.0	718								
07/29/2009 11:23:56 AM	13.24	3042	1.03	46	50.0	96	96.8	76.2%	38.1	55.8%	50.8	44.44%	1.6	55.56%	13.0	718								
07/29/2009 11:24:26 AM	13.25	3040	1.03	46	50.6	96	97.3	76.2%	38.1	55.8%	50.8	44.44%	1.6	55.56%	13.0	718								
07/29/2009 11:24:56 AM	13.24	3044	1.03	45	51.7	97	97.3	76.2%	38.1	55.8%	50.8	44.44%	1.6	55.56%	13.0	718								
07/29/2009 11:25:26 AM	13.23	3044	1.03	46	50.7	96	97.3	76.2%	38.1	55.8%	50.8	44.44%	1.6	55.56%	13.0	718								
07/29/2009 11:25:56 AM	13.24	3043	1.03	46	50.8	97	97.4	76.2%	38.1	55.8%	50.8	44.44%	1.6	55.56%	13.0	718								
07/29/2009 11:26:26 AM	13.24	3049	1.03	45	51.1	96	97.4	76.2%	38.1	55.8%	50.8	44.44%	1.6	55.56%	13.0	718								
07/29/2009 11:26:56 AM	13.24	3046	1.03	45	50.6	95	97.7	76.2%	38.1	55.8%	50.8	44.44%	1.6	55.56%	13.0	718								
07/29/2009 11:27:26 AM	13.24	3041	1.03	46	50.7	96	97.6	76.2%	38.1	55.8%	50.8	44.44%	1.6	55.56%	13.0	718								
07/29/2009 11:27:56 AM	13.24	3042	1.03	46	50.9	96	97.5	76.2%	38.1	55.8%	50.8	44.44%	1.6	55.56%	13.0	718								
07/29/2009 11:28:26 AM	13.25	3039	1.04	45	52.0	97	97.5	76.2%	38.1	55.8%	50.8	44.44%	1.6	55.56%	13.0	718								
07/29/2009 11:28:56 AM	13.25	3032	1.04	46	51.4	98	97.6	76.2%	38.1	55.8%	50.8	44.44%	1.6	55.56%	13.0	718								
07/29/2009 11:29:26 AM	13.25	3035	1.04	46	51.4	98	97.2	76.2%	38.1	55.8%	50.8	44.44%	1.6	55.56%	13.0	718								
07/29/2009 11:29:56 AM	13.24	3033	1.04	45	52.3	98	96.7	76.2%	38.1	55.8%	50.8	44.44%	1.6	55.56%	13.0	718								
07/29/2009 11:30:26 AM	13.24	3036	1.04	45	51.3	97	97.1	76.2%	38.1	55.8%	50.8	44.44%	1.6	55.56%	13.0	718								
07/29/2009 11:30:56 AM	13.25	3059	1.04	45	50.5	96	97.2	76.2%	38.1	55.8%	50.8	44.44%	1.6	55.56%	13.0	718								
Average Through Test	13.24	3043.10	1.03	45.50	51.09	96.60	97.26										28.73		1.50					
07/29/2009 11:37:58 AM	12.37	3174	1.01	87	26.2	113	97.0	101.8%	50.9	74.6%	67.9	42.55%	2.0	57.45%	18.2	784								
07/29/2009 11:38:28 AM	12.37	3179	1.02	89	24.8	114	97.0	101.8%	50.9	74.6%	67.9	42.55%	2.0	57.45%	18.2	784								
07/29/2009 11:38:58 AM	12.36	3177	1.02	89	23.5	113	97.0	101.8%	50.9	74.6%	67.9	42.55%	2.0	57.45%	18.2	784								
07/29/2009 11:39:28 AM	12.36	3182	1.02	90	23.2	113	97.4	101.8%	50.9	74.6%	67.9	42.55%	2.0	57.45%	18.2	784								
07/29/2009 11:39:58 AM	12.35	3178	1.02	90	23.8	113	98.1	101.8%	50.9	74.6%	67.9	42.55%	2.0	57.45%	18.2	784								
07/29/2009 11:40:28 AM	12.35	3179	1.02	91	22.4	114	97.9	101.8%	50.9	74.6%	67.9	42.55%	2.0	57.45%	18.2	784								
07/29/2009 11:40:58 AM	12.36	3181	1.02	92	22.2	114	97.4	101.8%	50.9	74.6%	67.9	42.55%	2.0	57.45%	18.2	784								
07/29/2009 11:41:28 AM	12.36	3176	1.03	90	23.2	114	96.9	101.8%	50.9	74.6%	67.9	42.55%	2.0	57.45%	18.2	784								
07/29/2009 11:41:58 AM	12.36	3178	1.03	92	22.0	114	97.3	101.8%	50.9	74.6%	67.9	42.55%	2.0	57.45%	18.2	784								
07/29/2009 11:42:28 AM	12.35	3184	1.03	93	21.9	114	97.3	101.8%	50.9	74.6%	67.9	42.55%	2.0	57.45%	18.2	784								
07/29/2009 11:42:58 AM	12.35	3183	1.03	91	22.4	114	96.5	101.8%	50.9	74.6%	67.9	42.55%	2.0	57.45%	18.2	784								
07/29/2009 11:43:28 AM	12.36	3180	1.03	91	22.3	114	96.1	101.8%	50.9	74.6%	67.9	42.55%	2.0	57.45%	18.2	784								
07/29/2009 11:43:58 AM	12.36	3177	1.03	92	21.8	114	96.3	101.8%	50.9	74.6%	67.9	42.55%	2.0	57.45%	18.2	784								
07/29/2009 11:44:28 AM	12.35	3184	1.03	91	22.1	113	96.7	101.8%	50.9	74.6%	67.9	42.55%	2.0	57.45%	18.2	784								
07/29/2009 11:44:58 AM	12.35	3189	1.03	90	23.1	114	96.8	101.8%	50.9	74.6%	67.9	42.55%	2.0	57.45%	18.2	784								
07/29/2009 11:45:28 AM	12.35	3182	1.03	90	22.7	113	97.4	101.8%	50.9	74.6%	67.9	42.55%	2.0	57.45%	18.2	784								
07/29/2009 11:45:58 AM	12.35	3184	1.03	89	23.4	113	97.4	101.8%	50.9	74.6%	67.9	42.55%	2.0	57.45%	18.2	784								
07/29/2009 11:46:28 AM	12.36	3176	1.03	88	24.7	113	97.3	101.8%	50.9	74.6%	67.9	42.55%	2.0	57.45%	18.2	784								
07/29/2009 11:46:58 AM	12.36	3180	1.03	89	24.0	113	97.3	101.8%	50.9	74.6%	67.9	42.55%	2.0	57.45%	18.2	784								
07/29/2009 11:47:28 AM	12.37	3180	1.03	90	24.0	114	97.4	101.8%	50.9	74.6%	67.9	42.55%	2.0	57.45%	18.2	784								
Average Through Test	12.36	3180.15	1.03	90.20	23.19	113.55	97.13										26.33	21.43	1.54	1.26				
test with Converter																								
09/10/2009 10:44:32 AM	12.39	2	1.04	121	6.6	128	80.2	101.6%	50.8	74.4%	67.7	42.22%	1.9	57.78%	17.9	NA						2.4	2.6	156
09/10/2009 10:45:32 AM	12.37	2	1.04	122	6.6	128	80.2	101.6%	50.8	74.4%	67.7	42.22%	1.9	57.78%	17.9	NA						2.4	2.6	156
09/10/2009 10:46:32 AM	12.36	1	1.04	122	6.7	129	80.4	101.6%	50.8	74.4%	67.7	42.22%	1.9	57.78%	17.9	NA						2.4	2.6	156
09/10/2009 10:47:32 AM	12.35	1	1.04	122	6.8	129	80.6	101.6%	50.8	74.4%	67.7	42.22%	1.9	57.78%	17.9	NA						2.4	2.6	156
09/10/2009 10:48:32 AM	12.34	2	1.04	122	6.8	129	80.7	101.6%	50.8	74.4%	67.7	42.22%	1.9	57.78%	17.9	NA						2.4	2.6	156
09/10/2009 10:54:34 AM	12.32	2	1.05	122	7.8	130	80.7	101.6%	50.8	74.4%	67.7	42.22%	1.9	57.78%	17.9	NA						2.4	2.6	156
09/10/2009 10:55:34 AM	12.32	2	1.05	123	8.1	131	80.8	101.6%	50.8	74.4%	67.7	42.22%	1.9	57.78%	17.9	NA						2.4	2.6	156
09/10/2009 10:56:34 AM	12.30	2	1.05	123	8.5	131	81.1	101.6%	50.8	74.4%	67.7	42.22%	1.9	57.78%	17.9	NA						2.4	2.6	156
09/10/2009 10:57:34 AM	12.30	2	1.05	123	8.6	132	81.2	101.6%	50.8	74.4%	67.7	42.22%	1.9	57.78%	17.9	NA						2.4	2.6	156
09/10/2009 10:58:34 AM	12.31	2	1.04	123	9.0	132	81.2	101.6%	50.8	74.4%	67.7	42.22%	1.9	57.78%	17.9	NA						2.4	2.6	156
09/10/2009 11:04:36 AM	12.33	1	1.04	121	10.1	131	81.3	101.6%	50.8	74.4%	67.7	42.22%	1.9	57.78%	17.9	NA						2.4	2.6	156
09/10/2009 11:05:36 AM	12.32	1	1.04	121	10.4	132	81.2	101.6%	50.8	74.4%	67.7	42.22%	1.9	57.78%	17.9	NA						2.4	2.6	156
09/10/2009 11:06:36 AM	12.32	1	1.04	121	10.5	132	81.1	101.6%	50.8	74.4%	67.7	42.22%	1.9	57.78%	17.9	NA						2.4	2.6	156
09/10/2009 11:07:36 AM	12.31	1	1.03	121	10.6	131	81.2	101.6%	50.8	74.4%	67.7	42.22%	1.9	57.78%	17.9	NA						2.4	2.6	156
09/10/2009 11:08:36 AM	12.29	1	1.03	121	10.6	131	81.2	101.6%	50.8	74.4%	67.7	42.22%	1.9	57.78%	17.9	NA						2.4	2.6	156
Average Through Test	12.33	1.53	1.04	121.87	8.51	130.40	80.87																	
test with Converter																								
09/10/2009 11:16:56 AM																								

Date / time	% O2	ppm CO	l/min Pump	ppm NO	ppm NO2	ppm NOx	° F Tf	% Gen Load	Load (KW) <small>50 KW Max</small>	Calculated Eng Load <small>91 HP Max</small>	HP Calculated	Diesel Ratio	Fuel (GPH)	% Natural Gas	Intake Air (PSI)	Exhaust Temp (F)	g/BHP-hr <small>(3.7 Limit)</small>	g/kW-hr <small>(5.0 Limit)</small>	g/BHP-hr <small>(3.0 Limit)</small>	g/kW-hr <small>(4.0 Limit)</small>	Back Pressure <small>(In Hg)</small>	Nat Gas <small>(CFM)</small>	CFH
09/10/2009 11:39:00 AM	13.06	1	0.96	107	16.9	124	82.0	76.2%	38.1	55.8%	50.8	44.44%	1.6	55.56%	12.9	NA					2.0	2.3	138
09/10/2009 11:40:00 AM	13.06	2	0.96	106	16.7	123	82.0	76.2%	38.1	55.8%	50.8	44.44%	1.6	55.56%	12.9	NA					2.0	2.3	138
09/10/2009 11:41:00 AM	13.06	2	0.95	106	16.7	123	82.0	76.2%	38.1	55.8%	50.8	44.44%	1.6	55.56%	12.9	NA					2.0	2.3	138
Average Through Test	13.04	1.07	0.99	107.53	16.12	123.73	82.18																
test with Converter																							
09/10/2009 11:50:39 AM	13.94	10	0.94	95	22.0	117	82.2	55.6%	27.8	40.7%	37.1	44.44%	1.2	55.56%	9.2	NA					2.0	1.5	90
09/10/2009 11:51:39 AM	13.95	10	0.94	96	22.3	118	82.3	55.6%	27.8	40.7%	37.1	44.44%	1.2	55.56%	9.2	NA					2.0	1.5	90
09/10/2009 11:52:39 AM	13.95	9	0.94	96	22.1	118	82.3	55.6%	27.8	40.7%	37.1	44.44%	1.2	55.56%	9.2	NA					2.0	1.5	90
09/10/2009 11:53:39 AM	13.94	9	0.94	96	21.8	118	82.2	55.6%	27.8	40.7%	37.1	44.44%	1.2	55.56%	9.2	NA					2.0	1.5	90
09/10/2009 11:54:39 AM	13.96	9	0.94	96	21.7	118	82.0	55.6%	27.8	40.7%	37.1	44.44%	1.2	55.56%	9.2	NA					2.0	1.5	90
09/10/2009 12:00:41 PM	13.94	12	0.94	97	20.5	118	82.0	55.6%	27.8	40.7%	37.1	44.44%	1.2	55.56%	9.2	NA					2.0	1.5	90
09/10/2009 12:01:41 PM	13.94	14	0.94	97	20.6	118	82.1	55.6%	27.8	40.7%	37.1	44.44%	1.2	55.56%	9.2	NA					2.0	1.5	90
09/10/2009 12:02:41 PM	13.94	13	0.94	98	21.0	119	82.2	55.6%	27.8	40.7%	37.1	44.44%	1.2	55.56%	9.2	NA					2.0	1.5	90
09/10/2009 12:03:41 PM	13.94	11	0.95	98	21.1	119	82.1	55.6%	27.8	40.7%	37.1	44.44%	1.2	55.56%	9.2	NA					2.0	1.5	90
09/10/2009 12:04:41 PM	13.94	13	0.94	98	21.0	119	82.1	55.6%	27.8	40.7%	37.1	44.44%	1.2	55.56%	9.2	NA					2.0	1.5	90
09/10/2009 12:10:43 PM	13.96	4	0.95	98	20.0	118	82.3	55.6%	27.8	40.7%	37.1	44.44%	1.2	55.56%	9.2	NA					2.0	1.5	90
09/10/2009 12:11:43 PM	13.95	9	0.95	99	20.0	119	82.3	55.6%	27.8	40.7%	37.1	44.44%	1.2	55.56%	9.2	NA					2.0	1.5	90
09/10/2009 12:12:43 PM	13.96	8	0.95	100	20.1	120	82.4	55.6%	27.8	40.7%	37.1	44.44%	1.2	55.56%	9.2	NA					2.0	1.5	90
09/10/2009 12:13:43 PM	13.95	6	0.95	100	20.1	120	82.6	55.6%	27.8	40.7%	37.1	44.44%	1.2	55.56%	9.2	NA					2.0	1.5	90
09/10/2009 12:14:43 PM	13.95	7	0.95	100	19.8	120	82.6	55.6%	27.8	40.7%	37.1	44.44%	1.2	55.56%	9.2	NA					2.0	1.5	90
Average Through Test	13.95	9.60	0.94	97.60	20.94	118.60	82.25																