

Generator Set Load Test Report

Date: 1-29-21 Customer: _____ WT #: 23298
 Engine: CATERPILLAR Serial #: 3ER02733 Model #: 3406
 Arr. #: _____ kW @ 1800 RPM
 Voltage: 480 Leads: _____ Hour Meter Reading: 00099
 PF: _____ Temp Rise: _____ Rating: _____
 Gen M/N: _____ Gen S/N: _____ Regulator: _____

Time	Coolant Temperature	Oil Pressure	Oil Temp	Base Pressure	Turbo Boost	Fuel PSI	Volts	Amps	Hertz RPM	kW	Engine HP
11:10	155	60	173	0.25	15 PSI	35	481	219	1845	182	244
11:05	159	60	175	0.25	22	35	481	243	1825	202	270
11:20	163	60	175	0.25	23	35	481	288	1806	239	336
1:45	175	55	181	0.25	33	30	481	405	1803	237	452
1:55	180	53	186	0.25	32	30	481	405	1800	336	450
2:00	180	52	186	0.25	32	30	481	403	1800	335	449
2:05	180	50	188	0.25	32	30	481	403	1800	335	449
2:15	180	50	187	0.25	32	30	481	403	1800	335	449
2:20	180	50	187	0.25	32	30	481	403	1800	335	449
2:30	180	50	190	0.25	31	30	481	403	1800	335	450
2:40	180	50	190	0.25	31	30	481	443	1800	335	450

Notes: Engine Hi 1012 no load 1912 Low r/d/e 650 Rpm

Load Bank Power Factor is 1.0.

Witnessed By: _____ Load Tested By: _____

Video: Yes No



Date: 1-29-21 Serial #: 3E R02233
 Work Ticket #: 23298 Make: CAT
 Model: 3406 P.U. Hours: 00099

Generator Inspection Checklist Initial

1	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> NA	Check block heater for proper operation	
2	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA	Check coolant level	- 28°F
3	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA	Check coolant freeze point and molybdate / nitrite	
4	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA	Visual inspection of cooling system for leaks	
5	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA	Inspect coolant hoses and replace any cracked or brittle	
6	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA	Inspect belts and replace any cracked or brittle	
7	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> NA	Change coolant filters, date and hours on filters	
8	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> NA	Check battery charger for proper operation	
9	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> NA	Check engine alternator for proper operation	
10	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> NA	Test batteries, replace and date if new are installed	
11	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> NA	Clean and apply battery terminal protection	
12	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA	Drain and replace engine oil and filters, date and hours on filters	
13	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA	Visual inspection for engine oil leaks	
14	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA	Replace all fuel filters, date and hours on filters	
15	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA	Inspect fuel lines and replace any cracked or brittle	
16	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA	Visual inspection for fuel leaks	
17	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> NA	Check fuel tank for cleanliness and fuel condition	
18	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA	Replace engine air filter, date and hours on filter	
19	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA	Visual inspection of engine air intake hoses and piping	
20	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> NA	Check intake and exhaust louvers for proper operation	
21	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA	Visual inspection of engine exhaust system for leaks	
22	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> NA	Check exhaust rain cap for proper operation	
23	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> NA	Check main circuit breaker for proper operation	
24	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA	Visual inspection of wiring harnesses and enclosures	
25	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> NA	Verify engine and generator metering are functioning and accurate	

FEFREN

Notes: This unit has air starter.