



Generator Set Load Test Report

Date: 1/21/21
 Engine: 60 series
 Arr. #: _____
 Voltage: 480/277
 PF: 1
 Gen M/N: 433PSL4021

Customer: _____ WT #: 23275
 Serial #: 0620623256 Model #: Detroit Diesel
400 kW @ 1800 RPM
 Leads: _____ Hour Meter Reading: 4088
 Temp Rise: 120 Rating: Continuous
 Gen S/N: mc-114648-0808 Regulator: _____

| Time | Coolant Temperature | Oil Pressure | Oil Temp | Base Pressure | Turbo Boost | Fuel PSI | Volts | Amps | Hertz | kW | Engine HP |
|-------|---------------------|--------------|----------|---------------|-------------|----------|-------|------|-------|-----|-----------|
| 11:30 | 205 | 55 | 241 | | | | 480 | 481 | 60 | 400 | |
| 11:45 | 209 | 55 | 246 | | | | 480 | 481 | 60 | 400 | |
| 12:00 | 210 | 55 | 245 | | | | 480 | 481 | 60 | 400 | |
| 12:15 | 210 | 55 | 245 | | | | 480 | 481 | 60 | 400 | |
| 12:30 | 210 | 55 | 245 | | | | 480 | 481 | 60 | 400 | |
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Notes: _____

Load Bank Power Factor is 1.0.

Witnessed By: _____ Load Tested By: Kurt

Video: Yes No



Date: 1/21/21 Serial #: 06R0623256
 Work Ticket #: 23275-001 Make: Detroit
 Model: Series 60 Hours: 411 HR

Generator Inspection Checklist Initial

| | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input type="checkbox"/> NA | | |
|----|-------------------------------------|-----------------------------|-------------------------------------|---|---------------------------|
| 1 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Check block heater for proper operation | KH |
| 2 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Check coolant level | KH |
| 3 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Check coolant freeze point and molybdate / nitrite | -35 KH |
| 4 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Visual inspection of cooling system for leaks | KH |
| 5 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Inspect coolant hoses and replace any cracked or brittle | KH |
| 6 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Inspect belts and replace any cracked or brittle | KH |
| 7 | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Change coolant filters, date and hours on filters | KH |
| 8 | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Check battery charger for proper operation | KH |
| 9 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Check engine alternator for proper operation | KH |
| 10 | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Test batteries, replace and date if new are installed | None KH |
| 11 | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Clean and apply battery terminal protection | No Batt KH |
| 12 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Drain and replace engine oil and filters, date and hours on filters | 411 HR KH |
| 13 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Visual inspection for engine oil leaks | KH |
| 14 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Replace all fuel filters, date and hours on filters | 411 HR KH |
| 15 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Inspect fuel lines and replace any cracked or brittle | KH |
| 16 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Visual inspection for fuel leaks | KH |
| 17 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Check fuel tank for cleanliness and fuel condition | Hold full load on tank KH |
| 18 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Replace engine air filter, date and hours on filter | 411 HR KH |
| 19 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Visual inspection of engine air intake hoses and piping | KH |
| 20 | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Check intake and exhaust louvers for proper operation | KH |
| 21 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Visual inspection of engine exhaust system for leaks | KH |
| 22 | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Check exhaust rain cap for proper operation | KH |
| 23 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Check main circuit breaker for proper operation | KH |
| 24 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Visual inspection of wiring harnesses and enclosures | KH |
| 25 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Verify engine and generator metering are functioning and accurate | KH |

Notes: Flushed Rad coolant was Black Replaced coolant
put a manual temp gauge and took out the defective
electric temp gauge Replace all filters checked
Block Heater. passed load test