

Patten

**AARON****46568001****LOAD AND OPERATION TEST****PAGE 1****PATTEN POWER SYSTEMS 24 HOUR CENTRAL DISPATCH EMERGENCY TELEPHONE TOLL FREE:****1 (877) 891-4181 www.pattenpower.com**

| | | | |
|-------------------|-------------|-------------------|----------|
| Customer Name: | AARON | Date: | 03/17/15 |
| Unit Location: | 0 | Work Order #: | 0 |
| Unit #: | 46568001 | Acct. #: | 0 |
| Manufacturer: | VOLVO | Tech # | 1511 |
| Model #: | TAD-1631-GE | Hour Meter Start | 1,822.0 |
| Serial #: | 252205-00 | Hour Meter Finish | 1,823.0 |
| Voltage Stability | GOOD | Package Serial #: | 500RD |
| Rated KW | 500 | | |

MULTIPLE READING TEST

| Elapsed Time Hrs. | 0.25 | 0.50 | 0.75 | 1.00 | 1.25 | 1.50 | 1.75 | 2.00 |
|-------------------|--------|--------|--------|--------|------|------|------|------|
| % of Load | 100.6% | 100.6% | 100.6% | 100.6% | 0.0% | 0.0% | 0.0% | 0.0% |
| KW Meter | 503.2 | 503.2 | 503.2 | 503.2 | 0.0 | 0.0 | 0.0 | 0.0 |
| Engine Speed | 1,800 | 1,800 | 1,800 | 1,800 | 0 | 0 | 0 | 0 |
| Power Factor | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Voltmeter L1 - L2 | 484 | 484 | 484 | 484 | | | | |
| Voltmeter L2 - L3 | 486 | 486 | 486 | 486 | | | | |
| Voltmeter L1 - L3 | 485 | 485 | 485 | 485 | | | | |
| Ammeter L1 | 600 | 600 | 600 | 600 | | | | |
| Ammeter L2 | 599 | 599 | 599 | 599 | | | | |
| Ammeter L3 | 598 | 598 | 598 | 598 | | | | |
| Frequency Meter | 60.0 | 60.0 | 60.0 | 60.0 | | | | |
| Lube Oil Pressure | 40 | 39 | 38 | 38 | | | | |
| Water Temp | 183 | 185 | 185 | 186 | | | | |
| Ambient Room Temp | 45 | 45 | 45 | 45 | | | | |
| Exhaust Temp | N/A | N/A | N/A | N/A | | | | |
| Oil Temp | N/A | N/A | N/A | N/A | | | | |
| Battery Voltage | 27.0 | 27.0 | 27.0 | 27.0 | | | | |
| Fuel Pressure | N/A | N/A | N/A | N/A | | | | |
| Fuel Level | N/A | N/A | N/A | N/A | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

COMMENTS AND RECOMMENDATIONS

HOOKER UP BLOCK HEATER. HOOKED UP BATTERIES. LOOKED OVER UNIT AND GEN OK. WHEN UNIT WAS WARM STARTED UNIT. LOADED UNIT TO 100% FOR 1 HR NO PROBLEMS FOUND. DISCONNECTED LOAD BANK TURNED OFF BATTERIES. CLEANED UP AREA AND FLAGGED UNIT COMP. UNIT HAS A BATTERY CHARGER AND ALT. UNIT HAS NO BATTERIES. RADIATOR AND AIR TO AIR COOLER WAS REMOVED AND FLUSHED AND CLEAN AND REINSTALLED. AMP READINGS ON CONTROL PANEL ARE READING LOW POSSIBLE CT RATIO ON CONTROL PANEL WRONG.

CUSTOMER SIGNATURE:

Date: March 17, 2015

TECHNICIAN SIGNATURE:

Date: March 17, 2015

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LOAD AND OPERATION TEST

PAGE 2

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| Serial # | 252205-00 | Hour Meter Finish | 1,823.0 |
| Voltage Stability | GOOD | Package Serial #: | 500RD |
| Rated KW | 500 | | 0 |

MULTIPLE READING TEST

| | | | | | | | | |
|-------------------|------|------|------|------|------|------|------|------|
| Elapsed Time Hrs. | 2.25 | 2.50 | 2.75 | 3.00 | 3.25 | 3.50 | 3.75 | 4.00 |
| % of Load | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| KW Meter | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Engine Speed | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Power Factor | | | | | | | | |
| Voltmeter L1 - L2 | | | | | | | | |
| Voltmeter L2 - L3 | | | | | | | | |
| Voltmeter L1 - L3 | | | | | | | | |
| Ammeter L1 | | | | | | | | |
| Ammeter L2 | | | | | | | | |
| Ammeter L3 | | | | | | | | |
| Frequency Meter | | | | | | | | |
| Lube Oil Pressure | | | | | | | | |
| Water Temp | | | | | | | | |
| Ambient Room Temp | | | | | | | | |
| Exhaust Temp | | | | | | | | |
| Oil Temp | | | | | | | | |
| Battery Voltage | | | | | | | | |
| Fuel Pressure | | | | | | | | |
| Fuel Level | | | | | | | | |
| 0 | | | | | | | | |
| 0 | | | | | | | | |
| 0 | | | | | | | | |

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