

## Power Generation Enterprises // Kohler 400REOZV 400KW 120/208V Enclosed Unit

Property Address: Haggard Hauling & Rigging 2100 Guinotte KCMO 64120

Service Date: Tuesday, August 02, 2016

EQUIPMENT: KOHLER Diesel Generator

Model No: 400REOZV

Serial No: 0780982

Mfctrd: 01-2004

Key No: 1250

**Q = QUARTERLY**

**SA = SEMI-ANNUAL**

**Y = YEARLY**

Voltage: 208/120V 3PH 4-Wire Wye

### TASK INTERVAL

ITEM #	MAINTENANCE TASK DESCRIPTION	Q	SA	Y	COMMENTS
1	Excercise engine & verify status panel report if remote status panel exists.				<i>Engine Excercised Unloaded. Started up and ran OK. No Remote panel.</i>
2	Visually inspect in side engine enclosure for obvious leaks & other issues.				<b>No Leaks. OK.</b>
3	Verify fuel level is at least one-half tank full of fuel.				<b>1/8 Full Tank</b>
4	Inspect engine fluid levels				<b>Oil level OK. Coolant level low.</b>
5	Verify block heater operating if engine is so equipped				<b>No utility power to test.</b>
6	Drain exhaust condensation trap leak if applicable				<b>N/A Exhaust flapper cap in place and working.</b>
7	Inspect battery terminals				<b>OK. 2 Battery 24V System. 25V Static. 28V Running.</b>
8	Current hour meter reading?				<b>232.8 Hours Total Time</b>
9	<b>Repeat monthly inspection in addition to quarterly.</b>				
10	Test and excercise generator engine (not under load).				<b>OK</b>
11	Verify operation of trasfer fuel pump if applicable				<b>None. No Day Tank.</b>
12	Insure fresh air has not been restricted around unit <b>OK</b>				Vent louver/screens clean and free of obstruction? <b>OK</b>
13	Inspect condition of all belts, hoses & exhaust system. Clamps and tensioners tight?				<b>OK</b>
14	Check and record oil pressure during exercise test (not under load). <b>60 PSI</b>				maintain operation record on site <b>No Record Available.</b>
15	Inspect and replenish battery water level				<b>OK</b>
16	Verify battery charging rate				<b>No Utility Power to Check.</b>
17	Inspect transfer switch (terminals, connections & wire insulation discolored?)				<b>N/A</b>

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18	Machine room/enclosure clean and free of debris?				Enclosure OK
19	Confirm location of manuals, service log and operation record				No Manuals Available.
20	Inspect battery cables				OK
21	Drain fuel system water seperator if applicable				OK
22	Inspect fire extinguisher for proper charge				N/A
23	All engine and generator guards in place and secure?				OK
	<b>Inspections by service vendor</b>				<b>Repeat quarterly inspections in additon to semi-annual</b>
25	Take a sample of engine oil to be analyzed by the customer through their service.				NO Water in Oil. Sample sent for lab analysis and report
26	Inspect fuel filter (day tank & intake) & empty sediment bowl				Filters replaced on 08-15-15. Only 23 Hours on Filters since changed.
27	Inspect all components of the fuel delivery system				OK
28	Ignition system inspection				NONE
29	Injection pump & injector leakage inspection				OK
30	Inspect engine air cleaner				OK. Cartridge needs replacing.
31	Test specific gravity of batteries				OK. Somewhat discharged.
32	Turbo charger inspection if applicable				OK
33	Inspect transfer switch contacts				N/A

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34	Inspect complete engine wiring harness				OK
35	Inspect all linkage (ball & u-joints) and vibration isolators				OK
36	Cooling system inspection				OK
37	Inspect generator				OK
38	Lubricate fan and PTO clutch				N/A
39	Inspect crankcase breather				OK
40	<b>Repeat quarterly semi-annual inspection in additon to annual</b>				
41	Replace oil and filter				<b>Oil and Filter change on 08-15-2015. Labeled on filters.</b>
42	Blow out radiator cooling fins				OK
43	Inspect coolant. Test Specific Gravity and PH.				OK. Fluid Low.
44	Measure and record generator winding resistance				N/A
45	Inspect air filter at each visit.				<b>Air Filter needs replacement.</b>
46	REPLACE coolant. Test Specific Gravity and PH.				<b>Overflow tank low.</b>
47	<b>Engine: 12.1 L 6-cylinder engine          RPM: 1800</b>				<b>Amps: 1388          Alternator Model No: 5M4024</b>
	<b>Base Tank No: N898702 Double-Wall with Leak Alarm Capacity: 1425 Gallons</b>				

This generator was last serviced on: **Tuesday, August 02, 2016**

Kohler PM Service Generator Performance Field Log

**Generator Motor Readings**

Engine RPM	1800		
Battery	24V System	25V Static	28V Running
Battery Charger	No Utility power	Cannot Test	
Fuel Consumption Per Hour	Unknown		
Intake Temperature	None taken		

**Generator Alternator Readings**

	<b>L 1-2</b>	<b>L 2-3</b>	<b>L 3-1</b>
Voltage	210V	210V	210V
Neutral	120V	120V	120V
Amperage			
kW			
Frequency	60 Hz		
Power Factor			

