



Basic Diesel Generator Maintenance Checklist

Carl O'sheen Manufacturing Inc. / 14 Feb 2023 / John Art

Complete

Score	15 / 19 (78.95%)	Flagged items	4	Actions	0
Site conducted	Unanswered				
Client / Site	Carl O'sheen Manufacturing Inc.				
Conducted on (Date and Time)	14 Feb 2023 07:30 PST				
Job Number	G-12456				
Generator Reference Number	GEN-1489				
Full Name of Operator/Engineer	John Art				
Address	39-41 high streets peterport, Moffat GY1 2JT, UK				

Flagged items

4 flagged

Audit / Visual Inspection

Fuel filter or sediment bowl

Needs Action

Needs replacement



Photo 1

Audit / Visual Inspection

Coolant level and anti-freeze mixture

Needs Action

Coolant is below its normal level.

Audit / Operating Inspection

Operation of cooling thermostat or louvers

Needs Action

Needs further investigation, it's not functioning well

Audit / Other Services

Inspect of cooling system for leaks (pressure test), residue and operation. Check engine block heater.

Needs Action

Low air pressure

Audit	4 flagged, 15 / 19 (78.95%)
Visual Inspection	2 flagged, 6 / 8 (75%)
Overall condition/appearance of equipment (controls, leaks, loose wires)	OK
Fan belt tension and condition	OK
Fuel filter or sediment bowl Needs replacement	Needs Action
	
Photo 1	
Lubricating oil level and viscosity	OK
Coolant level and anti-freeze mixture Coolant is below its normal level.	Needs Action
Air filter	OK
Battery electrolyte level and specific gravity and load test	OK
Battery charging rate (trickle charger).	OK
Operating Inspection	1 flagged, 3 / 4 (75%)
Day tank pump and level switches if so equipped	OK
Operation of cooling thermostat or louvers Needs further investigation, it's not functioning well	Needs Action
Battery charging	OK
Alternator and regulator	OK
Other Services	1 flagged, 6 / 7 (85.71%)
Inspect of cooling system for leaks (pressure test), residue and operation. Check engine block heater. Low air pressure	Needs Action
Inspect and clean generator brush holders and brushes	OK

Clean and inspect exciter	OK
Inspect safety shutdown devices. This includes simulated faults on low oil pressure cut-off, high water temperature cut-off, over speed cut-off and failed start.	OK
Inspect and clean engine/generator set control	OK
Run generator set (under load) to check voltage, check frequency, check instrument system and make adjustments.	OK
Clean and tighten electrical connections, clean crankcase breather, check and tighten mounting bolts and wipe unit clean	OK
Completion	

Recommendations and Overall Condition Assessment

Physical condition is good but there is a need to further investigate the cooling system. Air pressure is too low.

Engineer/Operator Full Name and Signature



John Art
14 Feb 2023 07:38 PST

Media summary

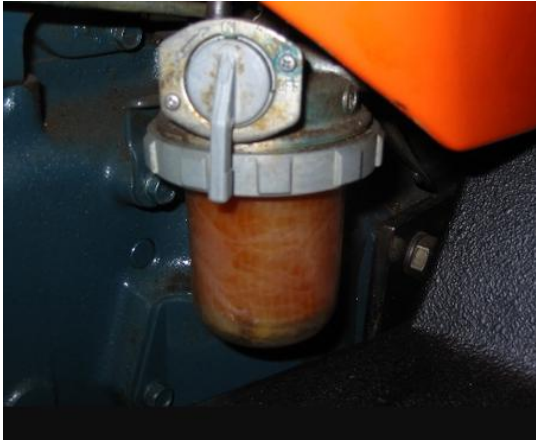


Photo 1