

Recommended Maintenance & Service (Standby Application)

All Service Should Be Performed By Factory Authorized Personnel

NOTE: All actions may not apply to each specific configuration. Consult Distributor or Dealer for additional service details

System/Component & Action	Weekly	2 Weeks	250 hrs/ 6 months	500 hrs/ 12 months	2000 hrs/ 24 months	As Required
Fuel						
Check Fuel Filter		✓				
Replace Single or Dual Fuel Filter Elements ★				✓		
Check Flexible Lines & Connections	✓					
Check Day Tank Level	✓					
Change Filters ★			✓			
Check Fuel Level Switch	✓					
Check Main Tank Supply Level	✓					
Check Solenoid Valve Operation	✓					
Check Water Separator Bowl	✓					
Check Tank Vents and Return Lines for Obstructions				✓		
Cooling/Air Flow						
Check Engine Coolant Level (add as necessary)		✓				
Check Cooling System				✓		
Coolant Solution Analysis-Add Supplemental Coolant Additives (SCA) as required				✓		
Check Water Pumps	✓					
Pressure Test Cooling System				✓		
Flush Cooling System					✓	
Test Thermostats					✓	
Check Air Cleaner	✓					
Check Air Cleaner Dust Unloader Valve & Indicator if applicable	✓					
Check Air Ducts & Louvers				✓		
Check Louver Motors and Controls				✓		
Check Heater Operation	✓					
Check Flexible Lines and Connections	✓					
Check Coolant Temperature Protection Level			✓			
Lubricate Fan Bearings (1200 - 2000kW)			✓			
Check Heat Exchanger				✓		
Check Radiator				✓		
Check the Water Supply to Heat Exchanger				✓		
Exhaust Line						
Check the Condensate Drain Trap	✓					
Check for Leakage	✓					
Check Mounting & Supports				✓		
Check Insulation for possible fire hazards		✓				
Check Flexible Lines & Connections			✓			
Check for unnecessary Back Pressure				✓		

Engine & Mounting						
Check Oil Level		✓				
Change Oil and Replace Oil Filter			✓			
Clean Crankcase Vent Tube				✓		
Check Air Intake Hoses, Connections, & System				✓		
Check Belt Tensioner				✓		
Check Engine Speeds				✓		
Check Engine Electrical Ground Connections				✓		
Check Crankshaft Vibration Damper (John Deere 6.8L Engines)					✓	
Check and Adjust Engine Valve Clearance					✓	
Replace Air Cleaner Elements						✓
Replace Poly-Vee Belt						✓
Inspect Belts for Cracks, Frays, or Stretching			✓			
Check Operation of Governor & Parts			✓			
Check Tension on Bolts				✓		
Check the Engine Mounts			✓			
Generator						
Visual Inspection	✓					
Check Intake and Exhaust Air Screens ★			✓			
Inspect Circuit Breakers and Fuses 🖐						✓
Inspect Bearing Condition				✓		
Check Rotor & Stator				✓		
Check Exciter				✓		
Inspect and Clean Generator - Clear Dust & Misc. Debris ★		✓				
General						
Operate engine at rated speed and 50 - 70% Load a minimum of 30 mins.	✓					
Inspect Main Transfer Switch Contacts 🖐				✓		
Inspect Voltage Sensing Device and Relay Adjustment 🖐				✓		
Check Connections between the Components (clean, tighten, etc.)			✓			
Visual Walk around Inspection	✓					
Service Battery			✓			
Inspect Equipment Room or Housing the Genset is Operating In	✓					
<p>✓ Complete the recommended action in the suggested interval. ★ Service more frequently if the generator set is operating in a dusty environment 🖐 Leave manufacturer's component seal intact. Do not break the seal to inspect this device.</p> <p>***NOTE: This is not a detailed Service Schedule. Consult your Distributor or Dealer for Service Information.</p>						