

## Lubrication and Maintenance Service Interval Chart—Generator (Standby) Applications

**NOTE:** Use service intervals listed below for generator (standby) applications. Match service items below to titles in Lubrication and Maintenance Sections for procedures.

Item	Lubrication and Maintenance Service Intervals			
	Every 2 Weeks	500 Hours or 12 Months	2000 Hours or 24 Months	As Required
Operate Engine at Rated Speed and 50%–70% Load a Minimum of 30 Minutes	•			
Check Engine Oil and Coolant Level	•			
Check Fuel Filter	•			
Check Air Cleaner Dust Unloader Valve & Indicator <sup>a</sup>	•			
Perform Visual Walkaround Inspection	•			
Check Lamps	•			
Changing Engine Oil And Replacing Oil Filter <sup>b</sup>		•		
Replacing Fuel Filter Element		•		
Cleaning Crankcase Vent Tube		•		
Checking Air Intake System		•		
Checking Engine Speeds		•		
Checking Belt Tensioner Spring Tension and Belt Wear (Automatic Tensioner)		•		
Checking Engine Electrical Ground Connection		•		
Servicing Fire Extinguisher		•		
Checking Engine Mounts		•		
Servicing Battery		•		
Checking Cooling System		•		
Replenishing SCAs as Required		•		
Testing Diesel Engine Coolant		•		
Pressure Testing Cooling System		•		
Checking Crankshaft Vibration Damper <sup>c</sup>			•	
Flushing Cooling System <sup>d</sup>			•	
Testing Thermostats			•	
Adding Coolant				•
Replacing Air Cleaner Elements				•

<sup>a</sup>Replace primary air cleaner element when restriction indicator shows a vacuum of 625 mm (25 in.) H<sub>2</sub>O.

<sup>b</sup>If PLUS-50 or ACEA - E4/E5 oil is NOT used along with a John Deere oil filter, the oil change interval is reduced to every 250 hours.

<sup>c</sup>Replace crankshaft damper every 4500 hours or 60 months, whichever occurs first.

<sup>d</sup>If John Deere COOL-GARD is used, the flushing interval may be extended to 3000 hours or 36 months. If John Deere COOL-GARD is used and the coolant is tested annually AND additives are replenished as needed by adding a supplemental coolant additive, the flushing interval may be extended to 5000 hours or 60 months, whichever occurs first.

*Lubrication and Maintenance*

Item	Lubrication and Maintenance Service Intervals			
	Every 2 Weeks	500 Hours or 12 Months	2000 Hours or 24 Months	As Required
Replacing Poly-Vee Belt				•
Checking Fuses				•
Checking Air Compressor (If Equipped)				•
Adjusting Speed Gain				•
Bleeding Fuel System				•

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