Maintenance Interval Schedule

SMCS - 1000; 7500

Ensure that all safety information, warnings, and instructions are read and understood before any operation or any maintenance procedures are performed. The user is responsible for the performance of maintenance, including all adjustments, the use of proper lubricants, fluids, and filters. The user is also responsible for the replacement of components due to normal wear and aging. Failure to adhere to proper maintenance intervals and procedures may result in diminished performance of the product and/or accelerated wear of components. Use fuel consumption, service hours, or calendar time, WHICH EVER OCCURS FIRST, to determine the maintenance intervals. Products that operate in severe operating conditions may require more frequent maintenance. Before each consecutive interval is performed, all maintenance from the previous interval must be performed.

When Required

Battery - Replace
Battery or Battery Cable - Disconnect
Engine - Clean
Fuel System - Prime
Generator - Dry
Generator Set - Test
Rotating Rectifier - Test

Daily

Cooling System Coolant Level - Check
Driven Equipment - Check
Electrical Connections - Check
Engine Air Cleaner Service Indicator - Inspect
Engine Oil Level - Check
Fuel System Primary Filter/Water Separator - Drain
Generator Load - Check
Walk-Around Inspection

Every 50 Service Hours or Weekly

Generator - Inspect

Every 250 Service Hours

Cooling System Coolant Sample (Level 1) - Obtain
Engine Oil Sample - Obtain

Every 500 Service Hours or 1 Year

Battery Electrolyte Level - Check
Cooling System Supplemental Coolant Additive (SCA) - Test/Add
Engine Oil and Filter - Change
Fuel System Primary Filter (Water Separator) Element - Replace
Fuel System Secondary Filter - Replace
Hoses and Clamps - Inspect/Replace
Radiator - Clean

Every 1000 Service Hours or 1 Year

Rotating Rectifier - Check

Every 2000 Service Hours

Aftercooler Core - Inspect
Alternator - Inspect
Cooling System Coolant Sample (Level 2) - Obtain
Engine Mounts - Inspect
Starting Motor - Inspect
Turbocharger - Inspect

**Every 2000 Service Hours or 6 Months**

Insulation - Test

**Every 3000 Service Hours**

Alternator and Fan Belts - Replace
Radiator Pressure Cap - Clean/Replace
Water Pump - Inspect

**Every 3000 Service Hours or 2 Years**

Cooling System Coolant (DEAC) - Change

**Every 3000 Service Hours or 3 Years**

Cooling System Coolant Extender (ELC) - Add

**Every 4000 Service Hours**

Aftercooler Core - Clean/Test

**Every 6000 Service Hours or 3 Years**

Cooling System Coolant Extender (ELC) - Add

**Every 12 000 Service Hours or 6 Years**

Cooling System Coolant (ELC) - Change

**Overhaul**

Overhaul Considerations