



EU-EMERGENCYGEN Maintenance Schedule

Updated: May 15th, 2023

Kawasaki Motors Corp., U.S.A. utilizes a 121 horsepower diesel-fired emergency generator, and is compliant with the National Emissions Standards for Hazardous Air Pollutants for Reciprocating Internal Combustion Engines promulgated in 40 CFR Part 63, Subparts A and ZZZZ (Area Source MACT). This document is intended to be a live document describing the maintenance schedule specific to the generator, described in our ROP as "EU-EMERGENCYGEN" and described commercially as a Caterpillar 3208.

Caterpillar performs all services associated with the generator installed at the Kawasaki facility. This includes running the engine on a weekly basis for the purpose of maintenance. In addition to this, a yearly service is performed every November to adhere to the aforementioned regulations and the maintenance schedule attached below. This maintenance schedule is directly from the Operation and Maintenance Manual provided by Caterpillar upon the installation of the generator. Given the emergency purpose of the generator, it does not see alternate use. However, if an emergency situation occurs that necessitates the running of this engine, it will be documented by Kawasaki to ensure adherence with maintenance requirements.

Further information may be requested from:

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Maintenance Schedule

Naturally Aspirated Engines

NOTE: For all generator maintenance activities, refer to the Generator and Control Panel Operation and Maintenance Manual for your generator set.

Use fuel consumption, service hours, or calendar time, whichever occurs first, to determine maintenance intervals. Experience has shown that maintenance intervals are most accurately scheduled on the basis of fuel consumed rather than service hours.

Daily

Walk-around Inspection – Inspect engine for leaks and loose connections	71
Engine Crankcase – Check oil level	72
Cooling System – Check coolant level	73
Water Separator (If Equipped) – Drain water	73
Air Cleaner – Check service indicator/Service air cleaner when needed/Clean Precleaner (if equipped)	74
Clutch (If Equipped) – Check/Adjust/Lubricate	76

Every 50 Hours

Light Duty Air Cleaner (If Equipped) – Replace	77
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First 3800 L (1000 gal) of Fuel or 200 Hours or Three Months

Valve Lash – Check/Adjust (at first oil change)	97
Magnetic Pickup – Inspect/Adjust (at first oil change)	107

Every 3800 L (1000 gal) of Fuel or 200 Hours or Three Months

Scheduled Oil Sampling (S•O•S) – Obtain sample and analysis	78
Engine Crankcase – Replace oil and oil filters	78
Fuel System – Clean primary fuel filter (if equipped)/Replace final fuel filter	80
Fuel Tank – Drain water and sediment	83
Cooling System (Conventional HD Coolant Only)– Test for SCA concentration OR obtain Level I coolant analysis/Add SCA if necessary	83
Radiator – Inspect/Clean	85
Air Cleaner – Clean/Replace air filter elements	86
Belts – Inspect/Adjust/Replace when necessary	88
Hoses and Clamps – Inspect/Replace when necessary	89
Batteries – Clean/Check electrolyte level	90

Every 22,700 L (6000 gal) of Fuel or 1200 Hours or One Year

Engine Protective Devices – Inspect/Check	92
Engine Mounts – Inspect	92
Crankshaft Vibration Damper – Inspect	93
Water Separator – Replace element	94
PCV Valves – Clean/Check	96
Valve Lash – Check/Adjust	97

Every 45,500 L (12,000 gal) of Fuel or 2400 Hours or Two Years

Fuel Injection Nozzles – Test/Exchange	99
Fuel Ratio Control (If Equipped), Set Point and Low Idle – Check/Adjust	100
Fuel Pump/Governor Housing – Drain water	100

Every 57,000 L (15,000 gal) of Fuel or 3000 Hours or Two Years

Water Temperature Regulator (Thermostat) – Replace	101
Cooling System (Extended Life Coolant Only) – Add Extender	102
Cooling System (Conventional HD Coolant Only) – Drain/Clean/Replace coolant	102

Every 68,000 L (18,000 gal) of Fuel or 3600 Hours

Water Pump – Inspect/Rebuild or Exchange	105
Starter Motor – Inspect/Rebuild or Exchange	105
Air Compressor – Inspect/Rebuild or Exchange	105
Flywheel Ring Gear – Inspect	106
Fan Drive – Inspect/Check	106
Belt Tightener Assembly – Inspect/Check	106
Magnetic Pickup – Inspect/Adjust	107

Every 114,000 L (30,000 gal) of Fuel or 6000 Hours

Overhaul	108
Cooling System (Extended Life Coolant Only) – Drain/Flush/Replace ELC	111