

COOLING SYSTEM MAINTENANCE PROGRAMS

Power Generation



Proper cooling system maintenance is crucial to ensuring the generator is available when needed. It is estimated that over 40% of all major engine repair costs originated because of improper cooling system maintenance.

Cummins brand of heavy duty coolants (Fleetguard®) not only provide superior freeze and boil over protection, but also protect your diesel, gas and natural gas engines from the most damaging of cooling system problems, including:

- Corrosion
- Liner pitting/cavitation
- Scale and deposits
- Acidification

Some commercial coolants have an effect on hoses and gaskets which can cause them to become brittle and lessen their ability to seal properly. Other issues we find in generator cooling systems that requires supplemental coolant additives (SCA) is over concentration or under concentration of SCAs. Over concentration of SCAs can result in SCA drop out which leads to plugged radiator tubes and cause corrosion and solder bloom, which impedes heat transfer and results in engine overheating. Under concentration of SCAs lead to liner pitting.

Following OEM recommendations for draining your cooling system will ensure it's in proper condition to prevent costly repairs in the future.



REQUEST SERVICE

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1-800-CUMMINS™ (1-800-286-6467)

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Cooling system maintenance is recommended. Specific level is dependent on the conditions of the coolant, cooling system and components at inspection.

LEVEL I

- Replace radiator cap
- Drain and replace coolant (excludes flushing)*
- Replace coolant filters where applicable
- Replace block heater hoses and clamps
- Inspect and torque hose clamps
- Inspect and adjust tension of all belts

LEVEL II

- Includes all items in Level I
- Replace all cooling system hoses and clamps, to include vent lines and jiggle valves where applicable
- Replace engine thermostats, gaskets and seals

LEVEL III

- Includes all items in Level II
- Replace all belts

LEVEL IV

- Includes all items in Level I, II, and III
- Radiator cleaner and flush

