# **Fleetguard**®

# Restore<sup>™</sup>/Restore<sup>™</sup> Plus Heavy-Duty Coolant Cleaners

The safe and efficient way to clean heavy-duty cooling systems.

# Proven Cleaning Formula by Fleetguard.

- Removes heavy corrosion, scale deposits and oil contamination
- · Cleans cooling systems without leaving a film on heat transfer surfaces
- Does not harm metal surfaces, gaskets, hoses or plastic parts

## Remove Contaminants Without Harm.

Once a cooling system is contaminated, water alone cannot clean the system. Fleetguard Restore and Restore Plus address a wide range of contamination without harming the metal surfaces, gaskets, hoses or plastic components of heavy-duty cooling systems.



#### RESTORE

- Alkaline-based chelating cleaner particularly effective in cleaning silicate gel
- Highly effective in removal of oil and fuel contamination

#### **RESTORE PLUS**

- Acid-based chelating cleaner
- Designed to remove heavy rust and scale deposits
- Can also remove oil contamination and solder bloom

Part Number	Description	Units
CC2610	Restore	1 Gallon
CC2611	Restore	5 Gallon
CC2612	Restore	55 Gallon
CC2638	Restore Plus	1 Gallon
CC2637	Restore Plus	55 Gallon



### Application/Performance Chart.

The choice of cleaner should be based on the cooling system problem to be addressed

Problem	Restore	<b>Restore Plus</b>
Silicate Gel	Excellent	Poor
Rust	Poor	Good
Scale	Poor	Excellent
Oil, Grease & Fuel	Excellent	Good
Solder Bloom	Poor	Good

# How to use Restore and Restore Plus:

Please follow these simple directions

- 1. Drain the cooling system and dispose of used coolant. Backflush the system.
- 2. Immediately add 1 liter of Restore or Restore Plus for each 10-15 liter of cooling system capacity and fill the system with plain water.
- 3. Turn heater temperature switch to high to allow maximum coolant flow through heater core. Blower does not need to be turned on. Drain the cooling system and dispose of used coolant. Backflush the system.

#### Important:

Fleetguard Restore and Restore Plus contain NO antifreeze. Do not allow cooling system to freeze during cleaning operation!

#### Note:

The performance of Restore and Restore Plus is dependent on time, temperature and concentration levels. An extremely scaled or flow restricted system, for example, may require higher concentrations of cleaners, higher temperatures, or longer cleaning time. Restore and Restore Plus can be used safely up to twice the recommended concentration levels. Extremely scaled or fouled systems may require more than one cleaning.

Maximum recommended engine running time with any type of cleaner in the cooling system is 3 hours. Any prolonged usage may cause damage to system elastomers and corrode system soft metals.

- 4. Run the engine at normal operating temperature for 2 hours.
- 5. Drain and flush the system with plain water and change your water/coolant filter if applied.
- Refill with a fully formulated Coolant. (such as Fleetguard ES Compleat<sup>™</sup> OAT)

#### Best Warranty in the Business.

The Cummins Filtration Warranty extends to our entire line of products, ensuring the same promise of performance and coverage beyond the competition. Cleaning nanofiber air filters will damage nanofiber filter media, thus compromising engine protection and voiding the filter warranty. Visit cumminsfiltration.com to learn more about the competitive benefits of the Cummins Filtration Warranty.



For technical details, refer to the Fleetguard Technical Information Catalog or visit Fleetschool.com

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