

Fleetguard®



Fleetcool™ OAT*

Fully formulated low maintenance OAT coolant/ antifreeze for european heavy-duty and light-duty engine applications



*OAT= Organic Additive Technology

Real Performance

- life of the engine' coolant with 1,600,000km useful life under normal operating conditions
- Fully meets ASTM D-3306, D-6210, D-4985 and Cummins CES14603, 14439 and 14636 performance requirements
- Specifically designed to meet performance requirements of the following OEM's: DAF, MAN 324NF, Mercedes-Benz, Renault, Scania, Volvo, Audi, Bentley, Daihatsu, Ferrari, Fiat, Ford, Honda, Hyundai, Jaguar, Kia, Lancia, Land Rover, Lexus, Lotus, Mazda, MG Rover, Mini, Mitsubishi, Nissan, Porsche, Seat, Skoda, Subaru, Suzuki, Toyota and Volkswagen
- Superior deposit, scale, corrosion and erosion protection
- Optimizes cooling system performance and water pump life
- Contains proprietary scale inhibitors to ensure optimum heat transfer

Real Versatility

- Compatible with all other antifreeze/coolants
- Available in concentrate and 50/50 Premix
- For all Diesel, Petrol, and LPG Engines

Real Serviceability

- Use with Chemical Free Extended Service Water Filters
- Easy to use test strips monitor Glycol, pH, Nitrite, and Molybdate levels; providing easy detection of dilution and coolant contamination.

Use Fleetcool Si-OAT to Provide Superior Engine Protection, Extended Service Intervals and Long Life

Performance data (per D-3306/ D-6210)

Typical properties	ASTM test no.	Fleetcool OAT Conc.	Fleetcool OAT 50/50 Premix
Colour	Visual	Pink	Pink
Specific Gravity @15°C	D-1122	1,13	1,08
pH	D-1287	8,9	8,9
Reserve Alkalinity (ml)	D-1121	12,11	6,05
Freeze point	D-1177	n/a	-37,2°C
Boiling point	D-1120	166,2°C	108,3°C
Water, weight	D-1123	3,90%	< 50%
Pit Count	D-7583	103	103
Glassware corrosion test	D-1384	Pass	Pass
Water pump cavitation test	D-2809	Pass	Pass
Aluminium corrosion test	D-4340	0,00	0,00
Simulated Service test	D-2570	Pass	Pass
Ash content	D-1119	<5%	<5%
Chloride (ppm)	D-3634	< 25	< 25

Fleetcool OAT is available in the following packaging sizes

	Fleetcool OAT EG Concentrate	Fleetcool OAT EG 50/50 Premix
5 Liter	CC36137 M	CC36142 M
20 Liter	CC36138 M	CC36143 M
208 Liter (Drum)	CC36139 M	CC36144 M
1.000 Liter (Tote)	CC36140 M	CC36145 M
Bulk	CC36141 M	CC36146 M

➔ Fleetcool OAT is designed to meet the following standards and OEM performance requirements:

- BS 6580:1992
- Case New Holland® MAT 3624
- Caterpillar® EC-1 P RR338A, 329, & 330
- Cummins® CES 14603
- DAF® MAT 74002
- Daimler Chrysler MS-9769
- Daimler Truck 48-25960
- Deutz TR 0199-99-1115
- Detroit Diesel® 93K217
- EMD M.I. 1748G & 1796A
- Ford WSS-M97B44-D & WSS-M97B51-A1
- FVW R530/2005
- GM-6038M , GM-6277M
- IVECO® 18-1830
- John Deere JDM H24 & 8650-5
- KHD H-LV 01610188
- Komatsu® KES 07.892
- MAN® 324 Si-OAT
- Mercedes 325.5/326.5
- Mercedes DBL 7700.02
- MTU MTL 5048
- Nissan Diesel
- Renault 41-01-001
- Scania TI 02-98 0813 T/B/M sv , 0-89 1027GT EN & TB 1451
- Volkswagen TL774C & TL774F
- Volvo® 20774185 & 1286083
- Waukesha® 4-1974D

Three Easy Steps to Achieve Superior Cooling System Performance:

1. Clean your Cooling System

Cummins Filtration recommends Restore (CC2610) to remove oil and grease contamination. For rust, corrosion, solder bloom and scale removal use Restore Plus (CC2638).



2. Fill your Cooling System

For all Light, Medium & Heavy Duty European Applications fill and top off your system with

Fleetcool OAT EG Premix. For complete ordering information, see our Cooling System Products Guide (LT15108) available on cumminsfiltration.com.



3. Monitor your Cooling System

The following quick and accurate tools are all you need: For **Fleetcool OAT** use **4-Way Test Kit:** The test kit detects coolant dilution, contamination and indicate if service is required and help avoid unnecessary coolant replacement. (CC8997M).

H₂O Water Test Strips: Dip and read test to measure tap water quality in less than a minute.

Quik Chek Coolant Quality Test Kit: Dip & Read test to measure pH, Chloride and Sulphate levels. Determines GO or NO-GO regarding quality of coolant (CC2718).



The useful life of a coolant ends when:

- ➔ The chemical additives in the coolant are outside acceptable limits – typically caused by topping off with a concentrate or water only or by failing to do maintenance at the recommended service interval. beyond the recommended service interval.
- ➔ The pH is outside acceptable limits - typically caused by combustion gases entering the cooling system from head or EGR cooler failures.

For more information, refer to the **Fleetguard Technical Information Catalog – LT32599**

or visit fleetguardcoolantsolutions.com

To find the nearest Fleetguard distributor, visit cumminsfiltration.com/wrl.

For more information, visit cumminsfiltration.com

LT36261GB
©2016 Cummins Filtration Inc.

