



HEAVY DUTY EXTENDED LIFE
Organic Acid Technology (OAT)

PROFLEET® Heavy Duty Extended Life is an advanced Organic Acid Technology (OAT) antifreeze for heavy-duty diesel engines that protects against damaging rust and corrosion. This antifreeze is formulated with nitrite and molybdate to protect against liner pitting and cavitation. An amine, silicate, and phosphate free chemistry ensures trouble-free service and does not require Supplemental Coolant Additive (SCA). PROFLEET® Heavy Duty Extended Life is compatible for top-off and service with other modern OAT and nitrited organic acid technology (NOAT) formulations.



Best Use: Newer Heavy Duty Diesel Engines

Recommended Service Interval: 3 Years / 300,000 Miles then Boosted to 6 Years / 600,000 with Extender

BENEFITS

- ◆ Propylene Glycol or Ethylene Glycol Base
- ◆ Concentrated or Ready-to-Use (50/50 Pre-mix w/ DI Water)
- ◆ Bulk, mini-bulk, totes, drums, or one gallon containers
- ◆ Extended Life Coolant (ELC)
- ◆ Compatible with modern OAT antifreeze / coolants
- ◆ Product Performance Warranty

SPECIFICATIONS

- ◆ ASTM D6210 for Heavy-Duty Engines
- ◆ ASTM D3306 for Automobile & Light-Duty Service
- ◆ CID A-A-52624A : Antifreeze, Multi-Engine Type
- ◆ Free from amines, phosphates, and silicates

MEETS REQUIREMENTS

- ◆ Caterpillar Cummins, Detroit Diesel, Freightliner, International, Mack, and Volvo
- ◆ Phosphate-free requirement of European OEMs
- ◆ Silicate-free requirement of Japanese OEMs
- ◆ TMC RP-329 (EG)
- ◆ TMC RP-330 (PG)

PROFLEET® is compatible with several competing brands of antifreeze. Refer to the Compatibility Chart for more information.

Manufactured by:



221 Dalton Avenue, Charlotte, NC 28206

For Technical or Ordering Information Call 704-332-5600
www.hazmatnc.com

Table of Properties & Typical ASTM Test Results

Test / Property	ASTM Test Method	EG Concentrate	EG 50/50
Color	Visual	Strawberry	Strawberry
Relative Density, 15.5/15.5°C (60/60°F)	D1122	1.1188	1.065 min
Freezing Point °C (°F), 50 vol % in DI water	D1177	N/A	-37.3 (-35.1)
Boiling Point °C (°F), 50 vol % in DI water	D1120	N/A	108 (226)
pH, 50% vol % in DI water	D1287	N/A	8.69
Reserve Alkalinity ¹ , mL	D1121	5.0	report
Ash Content, mass %	D1119	5 max	0.4
Chloride, µg/g	D3634	4 mg/kg	25 max
Water, mass %	D1123	4.5	N/A
Foaming Tendencies, mL/sec	D1881	N/A	105/2.5
Glassware Corrosion test	D1384	Pass	Pass
Aluminum Water Pump Cavitation Test	D2809	Pass	Pass
Aluminum Corrosion Test	D4340	Pass	Pass
Auto Finish Effect	D1882	No Effect	No Effect
Simulated Service Corrosion Test	D2570	Pass	Pass

Note ¹: Modern OAT coolants do not require high reserve alkalinity to perform exceedingly well.

The preceding data is based on tests and experience, is believed to be reliable, and is supplied for informational purposes only.

For detailed safety and handling information regarding these products, please refer to the respective Safety Data Sheets (SDS).



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