



## Heavy Duty Universal

Hybrid Organic Acid Technology (HOAT)

PROFLEET® Heavy Duty Universal Antifreeze / Coolant can be used in virtually any heavy duty diesel vehicle. This universal antifreeze chemistry is formulated to exceed requirements for ASTM D6210, D3306 and TMC RP-329 (EG) and provides maximum protection against rust and corrosion in auto and trucking cooling systems. This chemistry is compatible with Valvoline G-05 (Mercedes, Ford, and Chrysler factory fill), Fleetguard ES Compleat and other HOAT, OAT, and conventional IAT coolants.

**Best Use:** Top-offs up to 15%. Mixed Fleets of Heavy Duty Diesel Engines

**Recommended Service Interval:** 60,000 Miles then Boosted to 3 Years / 300,000 Miles with Type 4 SCA Extender



### BENEFITS

- ◆ Ethylene Glycol or Propylene Glycol Base
- ◆ Concentrated or Ready-to-Use (50/50 Pre-mix w/ DI Water)
- ◆ Bulk, mini-bulk, drums, totes or 1 gallon containers
- ◆ Extended Service Formula
- ◆ Nitrited for Heavy-Duty Use
- ◆ Low Silicate / Phosphate-free
- ◆ Product Performance Warranty

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

### SPECIFICATIONS

- ◆ ASTM D6210 for Heavy-Duty Engines
- ◆ ASTM D3306 for Automobiles & Light-Duty Service
- ◆ BS 6580 (British Standard)

### MEETS REQUIREMENTS

- ◆ Caterpillar (DEAC)
- ◆ Chrysler MS 7170
- ◆ Cummins
- ◆ Detroit Diesel
- ◆ Ford WSS-M97B51-A1
- ◆ JIS K 2234
- ◆ John Deere H-5, H24B1, H24C1
- ◆ SAE J1034, J1941
- ◆ TMC RP-329 (EG)
- ◆ TMC RP-330 (PG)



PROFLEET® Manufactured by:  
Solvents & Petroleum Service, Inc.  
1405 Brewerton Road | Syracuse, NY 13208

**For Technical or Ordering Information Call 1-800-315-4467**

**[www.PROFLEETAntifreeze.com](http://www.PROFLEETAntifreeze.com)**

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**Table of Properties & Typical ASTM Test Results**

Test / Property	ASTM Test Method	EG Concentrate	EG 50/50
Color	Visual	Yellow	Yellow
Relative Density, 15.5/15.5°C (60/60°F)	D1122	1.124	1.053 - 1.083
Freezing Point °C (°F), 50 vol % in DI water	D1177	N/A	-37.4 (-35.3)
Boiling Point °C (°F), 50 vol % in DI water	D1120	N/A	109.3 (228.7)
pH, 50 vol % in DI water	D1287	N/A	10.6
Water Content, ppm	D1123	30,473	N/A
Reserve Alkalinity <sup>1</sup> , mL	D1121	1.29	2.5 min.
Ash Content, mass %	D1119	0.672	0.336
Nitrites (as NaNO <sub>2</sub> ), mg/L at 68°F	D5827 / IC / HACH 8153	2,413	1,800 - 2,215
Chloride, µg/g	D5827	15	2
Foaming Tendencies, mL/sec	D1881	N/A	22/2.0
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, which Solvents and Petroleum Service, Inc. believes reliable, and is supplied for informational purposes only. For detailed safety and handling information regarding these products, please refer to the respective Solvents and Petroleum Service, Inc. Safety Data Sheets (SDS).*

	Packaging	EG 50/50 Premix	EG Concentrated
<b>Part Numbers</b>	Bulk	PROHYHD01-PB	PROHYHD01-CB
	Tote (275 Gallons)	PROHYHD01-PT	PROHYHD01-CT
	Drum (55 Gallons)	PROHYHD01-PD	PROHYHD01-CD
	Pail (5 Gallons)	PROHYHD01-PL	PROHYHD01-CL
	Case (6, 1-Gallon Jugs)	PROHYHD01-PC	PROHYHD01-CC
	Jug (1 Gallon)	PROHYHD01-PJ	PROHYHD01-CJ



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