



 **PROFLEET**<sup>®</sup>  
ANTIFREEZE / COOLANT

**MIL-SPEC RECYCLED**

ASTM D6210  
CID A-A-52624

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



## MIL-SPEC Recycled Antifreeze Inorganic Additive Technology

PROFLEET® MIL-SPEC Recycled Antifreeze / Coolant is a fully-formulated coolant designed for use in heavy duty diesel engines. This antifreeze meets ASTM D6210, CID A-A-52624, and features a full charge of borate-based, nitrited heavy-duty inhibitors to protect from liner pitting and corrosion. It is low in silicates and phosphate-free. This coolant is compatible with SCA chemical filters and its formulation is recommended for use in Caterpillar, Detroit Diesel, Cummins and many other heavy duty diesel engines.

**Best Use:** Heavy Duty Diesel Engines

**Recommended Service Interval:** Every 30,000 miles or as appropriate when tested with the use of test strips.  
Longevity of 2 Years / 200,000 Miles with use of Type 2 SCA



### BENEFITS

- ◆ Type I: Concentrated (100%) Ethylene Glycol
- ◆ Type IP: Prediluted (60%) Ethylene Glycol
- ◆ Type II: Concentrated (100%) Propylene Glycol
- ◆ Bulk, mini-bulk, drums, totes or 1 gallon containers
- ◆ Fully-Formulated
- ◆ Borate + Nitrite Inhibitor Package
- ◆ 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
- ◆ CID A-A-52624A - Antifreeze, Multi-Engine Type
- ◆ TMC RP-329 (EG)
- ◆ TMC RP-330 (PG)

### MEETS REQUIREMENTS

- ◆ Case Corp. MS1710
- ◆ Caterpillar
- ◆ Cummins CES14603

- ◆ Detroit Diesel 7SE298
- ◆ EMD M.I. 1748E
- ◆ Ford New Holland 9-86
- ◆ Freightliner 48-22880
- ◆ GM 1825, 1899, 6038M
- ◆ John Deere 8650-5
- ◆ MACK
- ◆ Navistar
- ◆ PACCAR
- ◆ SAE 1941
- ◆ Thermo-King
- ◆ Waukesha 4-1974D



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

TEST / PROPERTY	ASTM METHOD	EG CONCENTRATE	EG 50/50 <sup>1</sup>
Relative Density, 15.5/15.5°C (60/60°F)	D1122	1.1226	1.071
Pounds per Gallon, 60°F	-	9.344	8.935
Freezing Point, °C (°F), 50 vol % in DI water	D1177	N/A	-40 (-40)
Boiling Point, °C (°F), 50 vol % in DI water	D1120	N/A	108 (227)
pH, 50 vol % in DI water	D1287	N/A	10.89
Water, wt % (Approx.)	D1123	3.0	48.5
Total Glycol, wt %	E202	95.0 min.	51.0 min.
Reserve Alkalinity, mL	D1121	6.5	2.8 min.
Ash Content, mass %	D1119	0.6	5 max
Foaming Tendencies, mL/sec	D1881	N/A	65/1.8
Nitrites, ppm	D5827	N/A	2000 - 2400 (min - max)
Silicon, ppm	D6130	-	50 - 250
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:**

<sup>1</sup> Samples tested at 50% volume in DI water per ASTM test methods.

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).



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