

PURUS® HEAVY DUTY NITRITE-FREE EXTENDED LIFE ANTIFREEZE/COOLANT – **YELLOW**

Manufactured with virgin base products

DESCRIPTION: PURUS® Heavy Duty Nitrite-Free Extended Life Antifreeze/Coolant is a premium quality, Organic Acid Technology (OAT), ethylene glycol-based fluid. Specially formulated with advanced additive technology, this product provides extended service maintenance protection in heavy duty applications without the addition of SCAs, and meets nitrite-free coolant requirements of many industry-leading OEMs.

PERFORMANCE FEATURES:

- Extended service life of 600,000 miles on-road or 12,000 hours of off-road use.*
- Free of phosphates, silicate, nitrites, amines, and borates.
- Offers excellent wet sleeve liner cavitation protection.
- Eliminates maintenance with no SCAs required.
- Provides maximum freeze and boil-over protection.
- Extended life corrosion protection for steel, solder, copper, iron, brass and aluminum.
- High-quality defoamer system, non-harmful to hoses, plastics or gaskets.
- Compatible with all major North American Organic Acid Technology (OAT) formulations.

PURUS® Heavy Duty Nitrite-Free Extended Life Antifreeze/Coolant meets the requirements of:**

- ASTM D3306
- ASTM D6210
- CAT EC-1
- Cummins CES 14603
- DDC 93K217
- Navistar CEMS B-1 Type I, II, III, IIIA
- SAE J1941
- TMC RP 329
- TMC RP 338
- Volvo 128603

Always consult your vehicle owner's manual for proper fluid removal and flushing procedures. Typical properties, are not to be construed as specifications.

*To maintain the protection provided by Purus Heavy Duty Nitrite-Free Extended Life Coolant/Antifreeze, the proper level of inhibitor must be present. This can be achieved by topping off the cooling system with Purus Heavy Duty Nitrite-Free Extended Life Coolant/Antifreeze only when required and maintaining the recommended freeze protection.

| | | Concentrate† | 50/50‡ |
|-----------------------------------|--------------|---------------------|------------------------------------|
| Ethylene Glycol and Water Content | | 98% 2% | 51% 49% |
| Properties | | | |
| Specific Gravity @ 60°F | D1122 | 1.118-1.131 | 1.07-1.08 |
| Flash Point | Tag Open Cup | 240°F (116°C) | None |
| pH | D1287 | | 8.4 - 8.6 |
| Reserve Alkalinity, mL | D1121 | 6.4 - 10 | 3.2 - 5 |
| Ash Content | D1119 | <5.0 | <2.5 |
| Freeze Point | D1177 | | |
| 50/50 by Volume Solution | | | -34°F (-37°C) |
| Boil Point | D1120 | | |
| 50/50 by Volume Solution | | | 226°F (108°C) ± 265°F (129°C) † |
| Foam Test, ml/sec | D1881 | <50/3 | <50/3 |



* **Meets performance requirements but may or may not meet certain chemical requirements. / ± Under standard pressure/ † Using a 15 lb. pressure cap in good condition

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† Due to continual product research and development, the information contained herein is based on products purchased in the U.S. and subject to change without notification. Typical properties may vary slightly.

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Updated 03/2016