

HD MIXED FLEET EXTENDED LIFE ANTIFREEZE/COOLANT

PRODUCT CODE: 9351

DESCRIPTION

49 NORTH® HD MIXED FLEET EXTENDED LIFE ANTIFREEZE/COOLANT is an Organic Acid Technology (OAT) specifically designed for complete mixed fleet use in all makes and models both foreign and domestic, for light duty and heavy duty diesel. This product is pre-mixed as a 50/50 dilution and ready for use.

QUALITIES

49 NORTH® HD MIXED FLEET EXTENDED LIFE ANTIFREEZE/COOLANT protects against rust and corrosion for all coolant system metals, including aluminum, offering excellent protection against wet sleeve liner cavitation pitting and is compatible with all aluminum radiators found in today's engine cooling systems. 49 NORTH® HD MIXED FLEET EXTENDED LIFE ANTIFREEZE/COOLANT is designed for completed mixed fleet use, and is recommended for all makes and models of passenger vehicles, light duty and heavy duty diesel vehicles (on road, off road, construction and farm applications).

FEATURES & BENEFITS

Extended Service Life: Provides 250,000km or 5 years (Automotive light duty); and up to 960,000km, 12,000 hours, or 6 years (Heavy duty diesel) under normal operating conditions provided the coolant is kept in good condition and in line with engine OEM requirements.

Wide Application: Designed for complete "Mixed Fleet" use in all makes and models of passenger vehicles, light duty and heavy duty truck diesel vehicles including on-road, off-road, construction and farm applications. This nitrite-free product eliminates the need to carry multiple coolants to service different engines.

Proven Protection: Provides protection against rust and corrosion for all coolant system metals, including aluminum, excellent protection against wet sleeve liner cavitation pitting and is compatible with all aluminum radiators found in today's engine cooling systems.

Field Compatibility: Compatible with ALL engine coolant technologies on the market today, and well suited for top-up of both conventional and extended life coolants (ELC). As it is nitrite-free, it is compatible with, but does not necessarily require the addition of SCA's.

OAT Corrosion defense: Contains an Organic Acid Technology (OAT) corrosion inhibitor system engineered for new cooling systems, offering protection against corrosion and deterioration, providing excellent high temperature aluminum and liner cavitation protection. This level of protection affords a lower overall operating cost compared to other coolants. This low silicate product is 2-EHA, Nitrite, Amine, Borate, & Phosphate free.

All Climate Performance: Provides protection against low temperature freeze up, or high temperature boil over.

CONTACT

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TYPICAL PROPERTIES

| | |
|----------------------------------|---------------|
| Product Codes | 9351 |
| Appearance | Yellow |
| Specific Gravity (ASTM D1122) | 1.065 – 1.085 |
| Freezing Point (°C) (ASTM D1177) | -37 |
| pH, (ASTM D1287) | 8.0 – 9.0 |
| Reserve alkalinity, (ASTM D1121) | 1.5 min |
| Chloride, ppm (ASTM D3634) | < 25 |
| Silicon, ppm (ASTM 6130) | < 130 |
| Phosphate, ppm (ASTM D5827) | < 10 |
| Nitrite, ppm (ASTM D5827) | < 10 |

Boiling Protection

- 50% (1 part antifreeze / 1 part water) 129 °C

Freezing Protection

- 50% (1 part antifreeze / 1 part water) -37°C

The typical properties listed reflect the general characteristics of the product, and are not manufacturing specifications. Normal batch-to-batch variations should be expected.

MEETS OR EXCEEDS INDUSTRY APPROVALS AND SPECIFICATIONS

- | | |
|------------------------------------|---------------------------------------|
| • ASTM D3306 | • Freightliner 48-22880 |
| • ASTM D6210 | • GM 1825M, 1899M, 6277M, Heavy Truck |
| • ASTM D7583 | • JIS K2234 |
| • Bombardier Recreational Vehicles | • MAN324 NF |
| • Caterpillar (not EC-1) | • Mercedes Benz DBL 7700 |
| • Cummins 366132 | • MTU MTL 5048 |
| • Cummins 14603 | • Kenworth RO26-170-97 |
| • DDC 7SE 298, 93K217 | • Mack 014GS17004, 014GS17009 |
| • Kubota | • PACCAR CS0185 |
| • Kobelco | • DAF MAT 74002 |
| • TMC RP329B, TMC RP338 | • Peterbilt 8502.002 |
| • Ford ESE-M97B44A, | • Scania TB1451 |
| • Ford WSS-M97B44D, | • Volvo Heavy Truck |
| • Ford WSS-M97B51-A1 | • Chrysler MS7170, MS9769 |

HEALTH & SAFETY

A complete Safety Data Sheet (SDS) is available upon request.

PACKAGE SIZES

Available in Bulk, 1211L totes, 208L Drums, 20L Pails

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