

Product Data Sheet

DESCRIPTION

Provides up to 1,200,000 km, 750,000 miles, 15,000 hours or 8 years under normal operating conditions provided the coolant is kept in good condition with nitrite levels in line with the engine's OEM's requirements. Silicate-free provides for no possibility of silicate drop-out or gel formation.

Ideally suited for heavy duty diesel applications where extended service interval & aluminum compatibility is required of a nitrite based, silicate free coolant, including on-road truck, off-road, farm and marine engine applications. CAT EC-1 compatible, it provides excellent heat transfer capabilities.

Protects all coolant system metals against rust & corrosion, offering excellent aluminum & wet sleeve liner cavitation protection even at high temperatures. Being 2-EHA free, it is compatible with all system elastomeric materials ensuring optimal system performance.

Compatible with but does not necessarily need or require the addition of SCA or Coolant Extenders, its compatibility extends to use with other similarly formulated engine antifreeze/ coolants and generally can tolerate hard water.

Provides protection against low temperature freeze-up or high temperature boil-over and suitable for all seasons use throughout winter and summer. When used as 50% diluted with high quality water, provides freeze protection down to -37°C/-34°F and boil-over protection up to +132°C/+269°F (with the use of a 100 kPa pressure cap). Available in Concentrate and 50-50 Pre-diluted formats.

Performance Benefits:

Pro HD ELC guards' coolant system metal against rust and corrosion and provides excellent aluminum and wet sleeve liner cavitation protection. Formulated for use in heavy duty diesel applications where extended service interval and aluminum compatibility is required and recommended for use in on-road truck, off-road, farm and marine engine applications including, but not limited to, Caterpillar, Cummins, Detroit Diesel/MTU, GM Heavy Truck, Freightliner, PACCAR and Volvo Mack.

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Recommendations:

- ASTM D3306, D6210, D7583, D7820
- AS/NZS 2108.2004 Type A
- Cummins 3666132
- DDC 7SE 298
- GB 29743-2013
- TMC RP329B, TMC RP338

CAT EC-1
 Cummins 14603
 Freightliner 48-22880
 GM Heavy Truck
 International Truck and Engine / Navistar CEMS B-1
 MAN 324
 MB DBL 7700

MTU MTL 5048
 Kenworth RO26-170-97
 Mack 014GS17009
 PACCAR CS0185
 Peterbilt 8502.002
 Scania TB1451
 Volvo Heavy Truck

Typical Characteristics

Characteristics	Performance		Test Method
	Concentrate	50/50 Premix	
Apperance	Clear / Transparent fluid	Clear / Transparent fluid	
Color	Red	Red	
pH	7.8 - 8.5	7.8 - 8.6	ASTM D1287
Reserve Alkalinity, ml	6.0 min.	3.0 min.	ASTM D1121
Specific Gravity	1.125 - 1.135	1.120 - 1.140	ASTM D1122
Freeze Point, C/F	60/40: -52 / -61	-37/-34	ASTM D1177
	70/30: -64/-83		ASTM D1881
Foam volume, ml	50 max	50 max	ASTM D1881
Foam Break Time, sec	5 max	5 max	ASTM D3634
Chloride, ppm	<25	<25	ASTM D3534
Silicon	<10	<10	ASTM 6130
Phosphate	<10	<10	ASTM D5827
Nitrite	1500 min.	780 min.	ASTM D5827

Plymouth Lubricants

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