



TURBO POWER[®]



OAT M&N HEAVY DUTY DIESEL EXTENDED LIFE ANTIFREEZE/COOLANT

CONCENTRATE

Advantages:

- **2-EHA FREE** (2 ethylhexanoic acid)
- **Engineered for NEW cooling systems**
- **Powered by RECO-COOL™** Corrosion Inhibitor Technology
- Performance rated at up to 8 years, 15,000 hours, 1,200,000 kms*
- Silicate, borate and phosphate free
- CAT EC-1 Compatible
- Excellent high temperature corrosion performance
- Excellent heat transfer capabilities
- Excellent liner cavitation performance
- Compatible with, but DOES NOT require addition of SCA or coolant extenders
- Hard water compatible
- Elastomer compatible
- Compatible with similarly formulated HDD ELC's
- Extended shelf life stability (8 years); no silicate drop-out or gel formation
- Available as a 50/50 premix

Item #	Size	UPC	Units/Case	SCC14
16-524	3.78 L	0 59934 90593 6	4	4 0059934 90593 4
16-525	9.46 L	0 59934 90594 3	2	5 0059934 90594 8

HD OAT M&N

ANTIFREEZE/COOLANT

8 YEARS
OR
1200000 KM
15,000 HOURS

NOTICE: This product is shipped in compliance with applicable laws and regulations regarding classification, packaging, shipping and handling. The performance and physical property data described for this product are typical results not sale specifications, except where maximum or minimum is indicated. Refer to Material Safety Data Sheets for further information.



TURBO POWER®

HD OAT M&N

ANTIFREEZE/COOLANT



PRODUCT DESCRIPTION: TURBO POWER® OAT M&N Heavy Duty Diesel Extended Life Antifreeze/Coolant is based on a proprietary organic acid corrosion inhibitor package powered by RECO-COOL™ technology (OAT) with nitrite and molybdate. This ethylene glycol based product is free of amines, borates, phosphates and silicates. Its proprietary OAT corrosion inhibitor package DOES NOT contain any 2-EHA. It protects coolant system metals against rust and corrosion and provides excellent high temperature aluminum and wet sleeve liner cavitation protection. It's designed for use in heavy duty diesel applications where extended service interval and aluminum compatibility is required. It is 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.

*When added as an initial fill and properly maintained in accordance with engine manufacturer's maintenance recommendation, this product will provide an in-service life of up to 1,200,000 km, 15,000 hours or 8 years, whichever comes first. This lobrid antifreeze/coolant contains organic additive technology (OAT) with a small amount of inorganic additives (IAT) and is compatible with other OAT coolants with no adverse effects. While deleterious effects are not expected to be significant, mixing with conventional coolants will result in a lower than expected lifetime.

Never use 100% coolant in concentrated form. A 50% dilution (i.e. when mixed with an equal volume of high quality soft, de-ionized or distilled water) is generally recommended for the best balance of protection against freezing, corrosion and summer boil over. For increased freeze protection in extremely cold areas, a 60% volume concentration can be used. Concentrations of greater than 70% by volume are not recommended.

Chemical Name: Ethylene Glycol-based Engine Coolant
Typical Product Properties

Characteristic	Performance	Test Method
pH ^a	7.8 - 8.5	ASTM D1287
Specific gravity ^b	1.125 - 1.135	ASTM D1122
Freeze point ^a (°C/°F)	-37/ -34	ASTM D1177
Foam volume (mL)	150	ASTM D1881
Foam break time (second)	5	ASTM D1881
Chloride (ppm)	25 max.	ASTM D3634
Colour	Red	
Glycol Content (wtg.%)	94.0 min.	
Inhibitors and Water Content (wtg.%)	6.0 max.	

^a50% volume aqueous solution

^bMeasured at 15.6°C/60°F

HD OAT M&N Meets the following specifications:

ASTM D3306, D4985, D6210, D7583, AS/NZS 2108.1:1997 "Type A", BS 6580, BS5117, Caterpillar EC-1 (Section 2.3-4.5 incl., extensive fleet experience on newer engines), Cummins 3666132, & 14603, Detroit Diesel 7SE 298, 93K217, Freightliner 48-22880, GM 1825M, 1899M and Heavy Truck, Navistar/ ITE CEMS B-1 (ITE, International Truck and Engine), JIS K2234, Kenworth R026-170-97, MACK 014GS17004, MAN 324, MTU MTL 5048, PACCAR CS0185, Peterbilt 8502.002, TMC RP 329B, TMC RP 338, Volvo and CID-A-A-52624.

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Because use conditions and applicable laws may differ from one location to another and may change with time, the customer is responsible for determining whether product and the information in this document are appropriate for their use and for ensuring that their workplace and disposal practices are in compliance with applicable laws and other governmental enactments. Recochem's warranty is limited to the claims of product meeting stated performance specifications. It is the responsibility of the end-user to determine product suitability as recommended in the owner's manual and to follow engine manufacturer's instructions.



Recochem Inc.
Your Partner in Formulating Solutions

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