

## TOTAL COOLTECH HDD COOLANT

Hybrid anti boil/anti freeze coolant for Heavy Duty Diesel Engines

### KEY DATA

Based on a combination of organic technology corrosion inhibitors with conventional heavy duty chemical inhibitors

Concentrate form contains 90% monoethylene glycol and a heavy duty inhibitor package

Available in both concentrate and 50% premix version for customer convenience

Ultimate corrosion protection and extended service life compared to conventional coolants.

### INTERNATIONAL SPECIFICATIONS

ASTM D-3306  
ASTM D-4985  
ASTM D-5216  
ASTM D-6210

### Customer benefits

- ✓ **Exceptional rust protection** - Provides maximum protection against 'hot spot' corrosion, wet liner pitting and eliminates hard water scale deposits.
- ✓ **Great compatibility with parts components** – Provides excellent protection of Aluminium and its alloys, Iron and yellow metals with no deleterious effects on hoses or gaskets
- ✓ **Extended Service Life** - up to 6 years / 1,000,000kms / 6,000hrs in heavy duty diesels.
- ✓ **Wide range of applications** - suitable for use in marine engines, earth moving, mining, heavy transport and trucking fleet operations.

### Specifications

TMC RP-338 Extended Life  
TMC RP-330  
ASTM D-3306  
ASTM D-4985  
ASTM D-6210  
ASTM D-5216  
BMW N 600 69.0  
Case New Holland  
Caterpillar EC-1  
Caterpillar ELC

CID - A - A - 52624  
Cummins Bulletin 3666132  
Cummins CES 14603  
Cummins ES Compleat  
Detroit Diesel Bulletin 7SE298  
EMD M.I. 1748E  
Freightliner 48 – 22880  
GM 1899  
Iveco Cursor Engine  
Japanese JS K 2234

JASO M 324  
John Deere JDM HD24  
John Deere 8650-5  
Mercedes Benz DBL 7700  
Navistar  
PACCAR  
SAE J 1034  
Saab Scania 6901  
Waukesha 4-1974D  
Volvo (spec. no. 1286083)

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## Characteristics\*

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Coolant Mix	Concentrate	50% Premix
Appearance	Yellow Liquid	Pale Yellow Liquid
pH	8.0 – 9.7	7.9 - 8.6
Glycol by Weight	90.8%	45.4%
Density kg/L	1.11 - 1.13	1.05 - 1.07
Freezing Point (oC)	N/A	-34
Boiling Point (oC)	179	108
Glassware Corrosion Test	Pass	Pass
Aluminium Corrosion Test	Pass	Pass
Water Pump Cavitation Test	Pass	Pass
ASTM D 4340 Heat Reject Test g/cm2/week	0.3	0.3

\* The characteristics given above are obtained with a standard tolerance threshold during production and may not be considered specifications.

## Recommendations for use

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Before using the product, the vehicle's maintenance guide should be checked.

The 50% Premix should be used without diluting with water.

The concentrates should be diluted with deionised or soft water to the OEM's recommended dilution ratio.

The product should not be stored at temperatures over 60°C. It should be kept away from sunlight, intense cold and extreme temperature fluctuations.

If possible, the packaging should not be exposed to the elements.

## Health, safety and the environment

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Please refer to the Material Safety Data Sheet for full safety information.

This product should not be used for any purposes other than the ones for which it is intended.

When disposing of the product after use, please protect the environment and comply with local regulations.

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