



TOTAL COOLTECH PREMIUM PG PREMIX COOLANT

Long Life organic coolant for mining applications

KEY DATA

Organic, long life anti boil/anti freeze based on carboxylate technology.

Contains no silicates, borates, phosphates, nitrites, nitrates or amines.

Premix contains >43% propylene glycol and a double inhibitor package

Ultimate corrosion protection and extended service life

INTERNATIONAL SPECIFICATIONS

ASTM D 3306
ASTM D 4656
ASTM D 4985

Customer benefits

- ✓ **Outstanding Rust Protection** - protects all metals found in cooling systems and gives excellent protection against cavitation erosion and wet-sleeve liner pitting
- ✓ Increases operating life of water pumps and exceeds corrosion performance levels required to meet Australian Standard AS2108.1-2004
- ✓ **Extended Service Life** - up to 5 years / 500,000kms* in automotive applications and up to 6 years / 600,000kms / 6,000hrs* in heavy duty diesels. (* At the supplied concentration).
- ✓ **Wide range of applications** - suitable for use in marine, transport & mining sectors.

Specifications

Product is recommended where the following performance levels are required:

AS 2108.1: 2004 Type A
AFNOR NFR 15-601
BMW N 600 69.0
BS 6580
Caterpillar 1 EO 535
Cummins 92 T8-9
Ford ESE FM 97B18-C
Ford ESE M 97B4H-A
Ford ESE M 99B166-C
DAF 742002/BTPS 606A/DCEA 615

GM 6277 M
GM 1825 M
GM 1899 M
Japanese JIS K 2234
JASO M 324
Komatsu KES 07.892
Liebherr MD 1-36-130
Mazda MES MN 1210
MAN 324 Type SNF
Mercedes-Benz MB 325.3
Nissan NES 5059 LLC

Saab FSD 8074
SAE J 1034
Toyota K2601G- 1G
Volvo (spec no. 1286083)

Meets the phosphate-free requirements of European manufacturers.

Meets the silicate-free requirements of Japanese manufacturers.

Characteristics*

Coolant Mix	50% Premix
Appearance	Red Liquid
pH (undiluted)	8.5 – 9.7
Glycol by Weight (gm/L)	485
Density kg/L	1.06
Freezing Point	-37°C
Boiling Point	122°C
Reserve Alkalinity (ml)	4.6
Glassware Corrosion Test	Pass
Aluminium Corrosion Test	Pass
Water Pump Cavitation Test	Pass

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

Recommendations for use

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

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

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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