

Organic Acid Technology Engine Coolant

Product Information

PM610 Coolcor Type B OAT (Organic Acid Technology) Coolant is a premium-quality, latest-generation, long-life, glycol-free coolant concentrate. It is formulated with Australian-made carboxylate-based inhibitors and contains no silicates, borates, phosphates, nitrates, or amines, as mandated by many countries.

PM610 Coolcor Type B OAT Coolant is formulated with premium OAT inhibitors and demineralised water, ensuring optimal corrosion protection and extended service life. The formulation results in highly efficient heat transfer compared to traditional antifreeze, anti-boil (AFAB) coolants.

The glycol-free formulation is up to 25-40% more efficient at removing heat from cooling systems. It protects all metals in cooling systems, heat exchangers, plastics, and other components, preventing cavitation and erosion and ensuring protection against wet-sleeve pitting. Water pump lubrication and operation are enhanced. Corrosion performance levels are exceeded, thereby meeting the Australian Standard AS 2108. 1-2004 and other OEM performance specifications, including Ford and GM.

PM610 Coolcor Type B OAT Coolant is suitable for both automotive and heavy-duty diesel engines.

PM610 Coolcor Type B OAT Coolant has been independently verified to meet all relevant ASTM test standards for automotive and heavy-duty diesel applications.

Typical Properties

Appearance	Red/Orange
pH (50/50 Vol/vol)	7.7 – 8.6
Glycol by Weight (gm/L)	1.0035
Specific Gravity	1.1103 Kg/L
Freezing Point	-36.2°C (50% Vol)
Boiling Point	-108.2°C (50% Vol)
Alkalinity Reserve (mL)	4.6
DG Class	Non-Dangerous Goods
	Hazardous
ASTM D-1384	Glassware Corrosion Test: Pass
ASTM D-4340	Aluminium Corrosion Test: Pass
ATSM D-2809	Water Pump Cavitation Test: Pass
ASTM D-1881	Foaming Tendencies Test: Pass
AES 14603	Cummins Anti-Scale Test:

Benefits

- Long Life Protection and Performance
- Low Ambient Temperature Protection
- Protects Against Corrosion
- Silicate Free
- Water Pump Lubrication
- Compatibility With Seals & Hoses
- Glycol Free

PM610 Coolcor Type B OAT Concentrate also meets the Phosphate-Free requirements laid down by the European Manufacturers and the Silicate Free requirements of Japanese Manufacturers

PM610 Coolcor Type B OAT Concentrate

Provides the Required Protection

Available in 20L, 5L Containers

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Why PM Lubrication?

- ❖ Premium Quality
- ❖ XPR Protection Reserve
- ❖ Cost Effective Lubrication
- ❖ On-Site Monitoring will maximise equipment life
- ❖ Knife Edge Filtration
- ❖ Our Predictive & Preventative Maintenance Programme is GUARANTEED to save 15% of your total operating costs



PM610 Coolcor Type B OAT Coolant 100% Concentrate Meets OEM Requirements Where Called For

Automotive

<ul style="list-style-type: none">• AS 2108.1 2004 Type A• AFNOR NFR 15-601• ASTM D3306• ASTM D4656• ASTM D4985• BS 6580• SAE J1034• SAE J1941• GM 1825 M• GM 1899 M• Alfa Romeo - Paraflu UP• Audi Skoda Volkswagen - G12, G13• BMW N 600 69.0• Citroen 9979.70/71/72• Daimler Chrysler MS-7170, MS-976• Daewoo - Ethylene Glycol Coolant• Daihatsu - Ethylene Glycol Coolant• Dodge - Mopar HOAT• Fiat/Alfa Romeo Paraflu UP• Ford - ESE M97B44-A, WSS M97B44• Ford – ESE M97B18C, ESE	<ul style="list-style-type: none">• Glysantin G05, G12++, G30, G33, G34• Holden - GM6277M, GM1899M, HN1897, HN2217, HN2043• Honda Longlife Type 2 All Season• Hyundai - Ethylene Glycol Coolant• Jaguar - WSS-M97B44-A• Kia - Ethylene Glycol Coolant• Land Rover - Ethylene Glycol Coolant• Lexus Toyota - Super LL Coolant• Mazda - Ethylene Glycol Coolant, Mazda - FL22• Mercedes Benz 325.0, 326.0• Mitsubishi - Long Life Coolant• Nissan - EG Long Life, NES 5059 LLC, NES M 5509• Peugeot - Procor 2000 Glysantin G33• Porsche 000 043 203 78• Renault - EG Long Life Coolant D• Subaru - Super Long Life Coolant• Suzuki - Ethylene Glycol Coolant• Toyota - K K2601G, K2601 - 1G *Volvo VW - G12+, G12, G11, TL-774-C
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Heavy Duty Diesel

<ul style="list-style-type: none">• AFNOR NFR 15-601• ASTM D3306• ASTM D4656• ASTM D4985• BS 6580• Caterpillar ELC, Caterpillar 1 EO 535• Cummins 3666132• DAF 742002, DAF BTPS 606A, DAF DCEA 615• Dennis Eagle Fleetguard• Freightliner Fleet Charge Powercool• FUSO SAE J814-C• HINO Genuine LL Coolant• Isuzu (GM 6277M, HN2217)• IVECO Paraflu 11, GM6038M, AC9-50• Japanese JIS K 2234	<ul style="list-style-type: none">• Jenbacher• Kenworth AllCool• Komatsu KES 07.892• Liebherr MD 1-36-130• MAN 324 SNF/248• Mack VCS Coolant• Mercedes Benz Spec 325.0, 325.5• Mitsubishi FUSO Genuine Diesel LL Coolant• Saab Scania® 6901 SAE J1034 and JASO M324• Toyota K2601G-1G• UD (Nissan) Long Life Coolant• Volvo VCS• Waukesha 4-1974D• Western Star ASTM D6210
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Heavy Duty Diesel (Cont.)

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