

DESCRIPTION

A premium grade, ready-to-use, organic long life anti-boil/anti-freeze coolant based upon carboxylate technology, containing no silicates, borates, phosphates, nitrites, nitrates or amines. Suitable for both automotive and heavy duty diesel engines. Contains the correct level of monoethylene glycol and inhibitor package to ensure ultimate corrosion protection and extended service life. Anti-boil and anti-freeze protection is equally afforded with a substantially higher level of rust and corrosion protection compared to many competitor products. Long Life Organic Coolant Premix is the ultimate in coolant technology.

Long Life Organic Coolant Premix protects all metals found in cooling systems against cavitation erosion and wet-sleeve liner pitting. It significantly increases the operating life of water pumps and exceeds corrosion performance levels required to meet Australian Standard AS2108.1-2004 and numerous performance specifications of OEM's including Ford and GMH. This coolant has been independently verified to all relevant ASTM's for automotive and heavy duty diesel use.

Providing maximum protection against 'hot spot' corrosion, common in aluminium cylinder heads. Service life of up to 5 years / 500,000kms in automotive applications and up to 6 years / 600,000kms / 6,000 hours in heavy duty diesels. This has obvious environmental advantages as a result of fewer coolant changes. There are no deleterious effects on hoses or gaskets. Long Life Organic Coolant Premix has a proven record over many years in passenger vehicle, marine engines, mining equipment, taxi fleets, government departments, bus companies and several large fleet truck companies.

LONG LIFE ORGANIC COOLANT PREMIX	RESULTS
Appearance	Mobile liquid (Red)
pH	8.2
Specific Gravity (kg/L)	1.055
Glycol by Weight (kg/L)	0.502
Freezing Point (°C)	> -30
Boiling Point (°C)	108.2
Reserve Alkalinity (mL)	3.2
Boiling Point (°C), ASTM D1120	Pass
Glassware Corrosion Test, ASTM D1384	Pass
Aluminium Corrosion Test, ASTM D4340	Pass
Water Pump Cavitation Test, ASTM D2809	Pass
Cummins Anti Scale Test, AES14603	Pass

Typical characteristics are only a guide to industry and are not necessarily manufacturing or marketing specifications and do not constitute any legal liability.

STORAGE INSTRUCTIONS & HEALTH, SAFETY AND ENVIRONMENT INFORMATION

All packages should be stored under cover to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C. Health, safety and environmental information is provided for this product in the relevant Materials Safety Data Sheet, which can be obtained by contacting Gulf Western Oil on: 02 9673 9600.

AVAILABLE PACK SIZES

1000L (IBC) - # 40046B, 205LT - #40046, 20LT - #42046 AND 5LT - #40546

March 2025

GULF WESTERN PREMIUM QUALITY LUBRICATING OILS (AUST) PTY LTD

Head Office: 92-96 Links Road, St Marys NSW 2760 - PO BOX 515 Kingswood, NSW 2747
 Phone: 02 9673 9600 - Fax: 02 9623 6466 - Email: sales@gulfwestern.com.au - Web: www.gulfwestern.com.au

DESCRIPTION

A premium quality, organic, long life anti-boil/anti-freeze coolant concentrate, based on carboxylate technology and contains no silicates, borates, phosphates, nitrites, nitrates or amines. Suitable for both automotive and heavy duty diesel engines. Contains 90% monoethylene glycol and a double inhibitor package ensuring ultimate corrosion protection and extended service life. Anti-boil and anti-freeze protection is equally afforded with a substantially higher rust and corrosion protection than competitor products. Long Life Organic Concentrated Coolant is the ultimate in up to date coolant technology. Protects all metals found in cooling systems and gives excellent protection against cavitation's erosion and wet-sleeve liner pitting. Provides maximum protection against 'hot spot' corrosion, common in aluminium cylinder heads. Service life of up to 5 years / 500,000kms* in automotive applications and up to 6 years / 600,000kms / 6,000 hours* in heavy duty diesels (* at 50/50 dilution ratio).

LONG LIFE ORGANIC CONCENTRATED COOLANT	RESULTS
APPEARANCE	Mobile Liquid - Red
pH (50/50 vol/vol)	7.7 - 8.6
GLYCOL BY WEIGHT (gm/L)	1.0035
DENSITY	1.1103 kg/L (Concentrate)
FREEZING POINT	-36.2°C (50% by Vol.)
BOILING POINT	108.2°C (50% by Vol.)
RESERVE ALKALINITY (ML)	4.6

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SPECIFICATIONS

- AS 2108.1: 2004 TYPE A
- FORD ESE M 978B4H-A
- MAZDA MES MN 1210
- CUMMINS 3666132
- AFNOR NFR 15-601
- FORD ESE M 99B166-C
- JAPANESE JIS K 2234
- SAAB FSD 8074
- ASTM D3306, D4656, D4985
- TOYOTA K2601G-1G
- SAE J 1034 AND JASO M 324
- CATERPILLAR 1 EO 535
- BS 6580
- ISUZU
- VOLVO (SPEC. NO 1286083)
- DAF 742002/BTPS 606A/DCEA 615
- GM 6277 M
- IVECO
- BMW N 600 69.0
- KIA
- GM 1825 M & GM 1899 M
- HYUNDAI
- MERCEDES BENZ MB-Approval 325.3
- SUBARU
- MAN 324 TYPE SNF
- VOLKSWAGEN
- NISSAN NES 5059 LLC
- MITSUBISHI
- FORD ESE FM 97B18-C
- WAUKESHA 4-1974D
- SAAB SCANIA® 6901
- BRITISH LEYLAND
- LIEBHERR MD 1-36-130
- KOMATSU KES 07.892 JENBACHER

Meets the phosphate-free requirements of European manufacturers. Meets the silicate-free requirements of Japanese manufacturers.

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AVAILABLE PACK SIZES

205LT - #40056 20LT - #42056

January 2023

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