

PRODUCT DATA SHEET

PROGUARD

(ORGANIC LONGLIFE COOLANT – CONCENTRATE)

DESCRIPTION

Proguard Organic Long life Coolant is a premium quality anti-boil/anti-freeze coolant Concentrate based on carboxylate technology and contains no silicates, borates, phosphates, nitrates, nitrites or amines. Proguard contains 90% monoethylene glycol and a double corrosion inhibitor package based on organic acid-long life technology. Proguard Organic Coolant has a service life of up to 10 years / 1,000,000 km in automotive passenger car applications or 600,000 km / 6,000 hours in heavy duty diesel applications.

Proguard coolant maximises protection to all metals found in coolant systems. The organic acid-based coolants have proved far superior in protection of aluminium against “hot spot” corrosion and give excellent protection against cavitation, erosion and wet-sleeve liner pitting.

This product is coloured green.

APPLICATION

Proguard Anti Boil/Anti-Freeze Long Life Coolant, when added to an automotive radiator, will raise the boiling point and lower the freezing point.

Proguard is recommended for most heavy-duty diesel and automotive applications. To extend the service life, testing and replenishment of the corrosion inhibitors is necessary. Typically mixed 50/50 with demineralised water.

CONTAINER SIZES

1000 Litres IBC, 200 Litres, 20 Litres, 5 Litres, 1 Litre

(Continued)

STANDARDS

Recommended for use where the following performance levels are quoted:

Specifications for Passenger Car

Alfa Romeo - Parafllu UP	Audi Skoda Volkswagen - G12 G13	AFNOR NFR 15-601
ASTM D 3306, D4656, D4985, D6210	AS 2108.1 : 2004 Type A	BMW N 600 69.0
BS 6580	Caltex CX Engine Coolant	Castrol Antifreeze NF
Citroen 9979.70/71/72	Daewoo - Ethylene Glycol Coolant	Daihatsu - Ethylene Glycol Coolant
Daimler Chrysler MS-7170 MS-976	Glysantin G05, G12++, G30, G33, G34	SAE J1034, SAE J9141
Dodge - Mopar HOAT	Fiat - Parafllu UP	Ford ESE M97B44-A, WSS-M97B44-D2, ESE M97-B18C
GM 1825 M	GM 1899 M	Holden GM6277M, GM 1899 M
Holden HN1897, HN2043, HN2217	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 - FL22	Mazda - Ethylene Glycol Coolant
Mercedes Benz 325.0, .3, .5, .6, .7 (326.x for Premix)	Mitsubishi - Long Life Coolant	Nissan - EG Long Life Coolant
Peugeot - Procor 2000 Glysantin G33	Porsche 000 043 203 78	Nissan - NES 5059 LLC, NES M 5509
Renault - EG Long Life Coolant D	Subaru - Super Long Life Coolant	Suzuki - Ethylene Glycol Coolant
Toyota - K2601G, K2601-1G	VW - G13, G12, G12+, G12++, G11, TL-774-C	Volvo

Specifications for Medium and Heavy duty Diesel Engines

AFNOR NFR 15-601	ASTM D 3306, D4656, D4985, D6210	BS 6580
Caterpillar ELC	Caterpillar 1 EO 535	Cummins D14603
DAF BTPS 606A	DAF DCEA 615	DAF 742002
Dennis Eagle Fleetguard	Freightliner Eagle Fleet Charge Powercool	Fuso SAE J814-C
Hino Genuine LL Coolant	Isuzu (GM6277M & HN2217)	Iveco GM6038M
Iveco AC9-50	Iveco Parafllu 11	Japanese JIS K 2234
JASO M 324	Jenbacher	Kenworth ALL Cool
Komatsu KES 07.892	Liebherr MD 1-36-130	Mack VCS
MAN 324 SNF / 248	Mercedes Benz Spec. 325.0, .3, .5, .6, .7	Mercedes Benz Spec. 326.x for Premix
Mitsubishi Fuso Genuine Diesel LL Coolant	Saab Scania® 6901	SAE J 1034
Toyota K2601G - 1G	UD Long Life Coolant (Nissan)	Volvo VCS
Waukesha 4-1974D	Western Star ASTM D6210	

Meets the phosphate-free requirements of European Manufacturers and the silicate-free requirements of Japanese Manufacturers.

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