



Peak Lubricants

224-230 South Gippsland Highway

Dandenong Victoria 3175

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PRODUCT NAME

LONG LIFE PREMIX 50 COOLANT

DESCRIPTION & APPLICATIONS

Long Life Premix 50 Coolant is a superior quality ready to use anti freeze, anti boil and corrosion inhibitor. It contains approximately 475 ml/litre (47%) of ethylene glycol, 50% de-mineralised water, and a virtually non-depleting silicate and phosphate free Organic Acid Technology (OAT) corrosion inhibitor that will provide protection of all engine metals including aluminium and ferrous alloys for up to 5 years. It is suitable to be used for anti-freeze, anti-boil and corrosion protection in any combustion engine whether petrol, gas or diesel fuelled in passenger, heavy commercial, agricultural, earthmoving, mining or stationary applications.

NOTE: Long Life Premix 50 Coolant is ready to use. This product can be diluted with a further 30% of de-ionised water but the long life protection will be reduced to 3 years and the freeze/boil characteristics are also reduced to Boiling Point: 124° C Freezing Point: -19° C .It is preferable to top up with Longlife premix but low hardness tap water can be used in emergency situations. It is advisable to only mix other brands of long life coolant described with OAT or Hybrid Oat (HOAT) Inhibitor technology.

FEATURES & BENEFITS

Long Life Premix 50 Coolant will provide protection for up to 650,000 kilometres (8,000 hours) in diesel trucks, buses agricultural and earthmoving applications; 250,000 kilometres for passenger cars; and 32,000 hours for stationary engine applications; or a maximum of 5 years. It makes an excellent choice for use in mixed fleets as a one coolant suits all equipment due to its universal formulation. Long Life Anti-Freeze Coolant offers excellent cavitation protection even without using nitrite or nitrite-based supplemental coolant additives (SCA's) or chemical water filters. If top-ups are made using additional Long Life Premix 50 Coolant the product is virtually maintenance free. Modern engines manufactured using cast iron, aluminium or combinations of the two metals, and cooling systems made of aluminium or copper alloys are completely protected from erosion and corrosion.

The ethylene glycol in Long Life Premix 50 Coolant provides higher boiling and lower freezing protection as follows:

Long Life Premix 50 Coolant Boiling Point: 130° C Freezing Point: -34° C

SPEC'S & APPROVALS

Long Life Premix 50 Coolant meets or exceeds the performance requirements of the following antifreeze/coolant specifications. A complete list of approvals from OEM's is available separately.

- AS/NZS 2108.1:1997 Type A
- ASTM D-4985
- GM 6277M
- Detroit Diesel Powercool Plus
- ASTM D-3306
- GM 1825
- Mercedes Benz 325.3
- New Holland WSS-M97B44-D



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| <ul style="list-style-type: none">• Ford WSS-M97B44-D• John Deere GDMH24, JDM H5• Mazda MEZ 121C, TI 13/82• Toyota TSK 26016 | <ul style="list-style-type: none">• Isuzu• MAN• Scania• Volvo 128 6083/002 |
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SPEC'S & APPROVALS continued

- ASTM D-1384 (Glassware Corrosion Test)
- ASTM D-2809 (Aluminium Water Pump Cavitation/Erosion Corrosion Test)
- ASTM D-4340 (Heat Rejection Aluminium Corrosion Test)
- ASTM D-2570 (Simulated Service Corrosion Test)

HEALTH / SAFETY & ENVIRONMENT

Health, safety and environmental information is provided on the Material Safety Data Sheet for this product. Users should consult the MSDS, follow the precautions outlined and comply with all laws and regulations concerning its use and disposal.

TYPICAL CHARACTERISTICS

TEST	PERFORMANCE	TEST METHOD
Colour	Green	
Specific Gravity (15°C)	1.058 typical	ASTM D-1122
Reserve Alkalinity (pH 5.5)	6.2 typical	ASTM D-1121
pH, 20°C	8.6 typical	ASTM D-1287
Freeze Point	-34°C as is	ASTM D-1177
Boiling Point	130° C as is	
Ethylene Glycol	47.5 w/w typical	
Water	55% w/w max.	ASTM D-1123

A more detailed version of this product bulletin containing ASTM test results is available upon request.

Typical characteristics are only a guide to industry and are not necessarily manufacturing or marketing specifications, and do not constitute any legal liability. Information is correct at time of printing.