

# SUPER LONGLIFE COOLANT PREMIXED

PREMIXED 50:50

## Product Description

**SUPER LONGLIFE COOLANT PREMIXED** is a ready-mixed engine coolant, antifreeze and corrosion inhibitor diluted with deionized (DI) water. The coolant is formulated from high-quality monoethylene glycol (MEG) with the Direct Anode Deactivated Technology (DADT). It provides superior performances of rust and corrosion preventions in critical area for long life protection and seal compatibility. It also increases boiling point (up to 110 °C) and decreases freezing point (up to -40 °C) for better cooling efficiency in both extremely hot and cold climate. **SUPER LONGLIFE COOLANT PREMIXED** meets the requirement of international and automobile OEMs standards and suitable for both light and heavy-duty vehicles.

## Benefits

- Provides superior engine protection from rust and corrosion especially in critical area.
- Extends coolant drain intervals and prevent hard water scale deposits on the engine part.
- Leverage boiling temperature for unsurpassed cooling efficiency and overheat prevention.
- Reduced freezing temperature enable the cooling system to be operated under extremely cold climate.
- Compatible with any rubber, plastic and water pump seals.

## Applications

- Recommended for all cooling systems operated in both light and heavy-duty vehicles.

### Suggestions:

- Drain and flush the remaining coolant before using fresh **SUPER LONGLIFE COOLANT PREMIXED**
- Ready for use in radiator and cooling system without further mixing
- Recommended coolant drain intervals are 250,000 km or 2,000 hr for light-duty vehicles while 650,000 km or 8,000 hr for heavy-duty vehicles

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## Typical Characteristics

Test	Method	Units	Results
Color	Visual	-	Fluorescent Green
Density at 15 °C	ASTM D 4052	g/cm <sup>3</sup>	1.057
Density at 30 °C	ASTM D 4052	g/cm <sup>3</sup>	1.051
Boiling Point	ASTM D 1120	°C	110
Freezing Point	ASTM D 1177	°C	-40
pH	ASTM D 1287	-	8.5
Reserve Alkalinity	ASTM D 1121	cm <sup>3</sup>	3.1
Nitrate, Nitrite, Amine, Phosphate, Borate	ASTM D 5827	ppm	Nil
Silicon Content	ASTM D 6130	ppm	Nil

## Performance Standards

- Meet standard specifications:  
ASTM D3306, ASTM D6210, JIS K 2234, JASO M325
- Meet OEMs requirements:

OEMs	Specifications	OEMs	Specifications
DEUTZ DEUTZ-MWM ISUZU JENBACHER KOBELCO MAN B&WAG MAN B&WA/S ROVER DAF JAGUAR	0199-99-1115/6 0199-99-2091/8  TA 1000-0201  D365600  74002 CMR 8229	LAND ROVER MACK WAUKESHA YANMAR FORD MERCEDES BENZ GENERAL MOTOR MAN VOLKSWAGEN	WSS-M97B44-D 014GS17009  WSS-M97B44-D MB 325.3 GM 6277M 324 TYPE SNF TL 774F

## Health and Safety

This product shows no significant health or safety hazard when used under the recommended applications and suitable handling.

Avoid the direct contact. Wash immediately after contact. Health and safety information is available on the Safety Data Sheet (SDS) which can be obtained from <http://pttlubricants.pttor.com>



Note: Data and information contained in this publication are based on standard test under laboratory conditions and/or performance test. To consider the use of PTT Lubricants' products in particular application, customer is responsible for determining whether product and information are appropriate for customer conditions or should consult with PTT Lubricants' technical service division. The procedure of using any lubricant may differ or change depended on different machines and their manuals. Therefore, we recommend to read, understand and review the latest SDS in order to ensure the use of product is accomplished safety.

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