

# Product Data Sheet

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PETRONAS

## PETRONAS Paraflu UP

Designed to be the Fluid Technology Solutions of choice providing excellent protection and longer fluid life for Vehicle cooling systems

### Description and Applications

PETRONAS Paraflu UP is a premium performance concentrated Long-Life Coolant delivering optimized performance and component durability for vehicles cooling systems. Formulated with Mono-Ethylene Glycol enhanced with a special Organic Acid salts inhibitor (OAT Technology), free of nitrites, borates, phosphates, silicates and amines, it provides excellent protection against overheating, frost and corrosion and aversive agent (bitrex).

Specifically developed for FCA and IVECO, it is also suitable for passenger cars and commercial vehicles where a OAT coolant technology is required.

### Approvals, Specifications and Recommendations

#### Specifications:

- ASTM D 3306 Type 1
- ASTM D 6210 Type 1-FF
- CUNA 956-16

- Iveco 18-1830 CTR n° I101.M16
- MS-90032

#### Performance Level:

- Chrysler MS 12106
- Lotus Reference PE-00140

#### Approvals

- Fiat 9.55523 CTR n° F101.M01

Note: Always consult your owner's manual to check recommended viscosity grade and specifications for your specific vehicle

### Typical Physical Data

Parameters	Method	Unit	Typical Value
Color	-	-	Red
Relative Density @15°C	ASTM D 1122	g/cm <sup>3</sup>	1.123
pH, 50% vol in DI water	ASTM D 1287	-	8,2
Reserve alkalinity	ASTM D 1121	ml	6.4
Boiling point, 50% vol in DI water	ASTM D 1120	°C	109
Freezing point, 50% vol in DI water	ASTM D 1177	°C	-39
Glassware corrosion test	ASTM D1384	-	PASS
Hard water compatibility test	FIAT 50537	-	PASS

All technical data are provided for reference only. These characteristics are typical of current production. Whilst future production will conform to PLI's specification, variations in these characteristics may occur.

#### Health, Safety and Environment

This product is unlikely to present any significant health and safety hazards when used in the recommended application. Avoid contact with skin. Wash immediately with soap and water after skin contact. Do not discharge into drains, soil or water.

For further detail regarding storage, safe handling, and disposal of product, please refers to product SDS or contact us at: [www.pli-petronas.com](http://www.pli-petronas.com)

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