

Technical Data Sheet (TDS)

Shell Premium Antifreeze LongLife PLUS RTU

MEG Based Silicated OAT Ready To Use Coolant



Shell Premium Antifreeze LongLife Plus RTU is high performance ethylene glycol based antifreeze, formulated with a new generation inhibitor package that combines the benefits offered by organic inhibitors with the benefits of silicates (Si-OAT technology) to provide high performance and long-life applications. It does not contain nitrites, amines and phosphates.

Shell Premium Antifreeze LongLife Plus RTU thanks to its specific formulation provides long time corrosion protection to all engine system metals, especially aluminum alloys and light metals. It protects against freezing, overheating and corrosion. Fully compatible with other similarly formulated engine coolants (Si-OAT). Do not mix with coolant of different formulation in order to not compromise and reduce the performance.

Shell Premium Antifreeze LongLife Plus RTU complies with: ASTM D3306, D4985, D6210, AFNOR R 15-601, BS 6580, SAE J 1034, FVV Heft R 443, CUNA NC 956-16, JIS K 2234, KSM 2142, NATO S 759, UNE 26361-88, EMPA, E/L 1415c.

Shell Premium Antifreeze LongLife Plus RTU meets the requirements of most of the major OEM's: VW TL 774 G, MAN Si-OAT (from 12/2011), MB 325.5 (from 10/2011), CUMMINS CES14603.

Technical Specifications:

Description	Method	Values
Colour	Visual QUA.16.IS	Red-Violet
Appearance once diluted in water	Visual	Clear, free of suspended matters
Water solubility	QUA.18.IS	Complete
Density at 20 °C	ASTM D1122	1.06 – 1.08 g/cm ³
Reserve alkalinity	ASTM D1121	6 ml HCl 0,1 N min.
Freezing point	ASTM D1177	-37 °C min.
Boiling point	ASTM D1120	109°C
pH	ASTM D1287	7-9

These are typical properties and do not constitute a specification. For specification limits please refer to the product specification.

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Shell Premium Antifreeze LongLife Plus RTU has a shelf life of at least 3 years from date of manufacture, when stored in original and tightly closed containers. The storage temperature should not exceed 30 °C. Do not store in galvanized or zinc coated containers.

Consult owners handbook for guidance for correct use.

Handling and Safety

- Consult and follow the specifications on the safety data sheet.
- Keep away from foodstuffs.
- Do not dispose this product in soil, water or sewers.
- Minor spills should be soaked up with, sand or absorbent granules.
- Dispose of content/ container in accordance with local regulations.

The content of this Technical Data Sheet has been prepared by taking into consideration the relevant international standards and the information contained in specifications of vehicle and equipment manufacturers. This Technical Data Sheet and the statements in content cannot be interpreted as a guarantee commitment in respect of product specifications or usage in any application.

It is the consumer's responsibility to use this product in accordance with its ordinary purpose and comply with the applicable laws and regulations. Kemetyl Kimya San. Tic. Ltd. Şti. shall not be held responsible for any claims or damages arising out of abnormal use, improper usage, use for the wrongful purposes or risks and consequences by the nature of product structure.

This Technical Data Sheet shall be valid on issue date. Right to amend information provided in content of this Technical Data Sheet without prior notice is reserved.