



PRISTA® ANTIFREEZE LONG LIFE- Ready for use

AUTOMOTIVE FLUID

Description and application

PRISTA® Antifreeze LONG LIFE- ready for use is ready for use coolant/antifreeze based on ethylene glycol and a silicate-free additive system developed with organic (mono- and di-carboxylic) acids. The product is free from potentially harmful substances such as nitrites, amines and phosphates which makes it environmentally friendly.

PRISTA® Antifreeze Long LIFE - ready for use ensures dependable and long term engine protection against freezing and overheating but also against all forms of corrosion for all engine construction material. Except for the conventional engines this antifreeze is especially suitable for high-tech ones because it provides the so vitally crucial high temperature corrosion protection for the aluminium heat transfer surfaces there.

This product guarantees freeze/frost protection at ambient temperatures down to minus 40°C*.

*Note - This temperature is the average value of the Initial Crystallization Temperature value and the Pour Point value. The exact value of the Freezing Temperature is determined in a laboratory. Approximate values can be obtained by refraction meters and hydrometers, calibrated for ethylene glycol based coolants.

PRISTA® ANTIFREEZE LONG LIFE- ready for use products allow extended drain intervals thanks to the special organic additives used in the formulation and their minimum depletion during service. The recommended drain intervals are as follows:

- Passenger cars - **250,000 km** or **2,000 hours**
- Heavy duty trucks, buses and other commercial vehicles - **650,000 km** or **8,000 hours**
- Stationary engines - **32,000 hours** or **6 years**

Specifications

ASTM	D 3306/D 4340/D 4985/D 5345/D 6210
MB	325.3; 326.3
MAN	324 Type SNF
SAE J	1034
VW	TL 774-D (G12); TL774-F (G12+)
VOLVO	1286083
MTU MTL	5048
OPEL	GM 6277M
Ford	WSS-M97B44-D
Deutz	DQC CB-14
Cummins	IS series, N14; CES 14439; CES 14603
John Deere	JDM H5

Typical characteristics

Parameter	Test Method	Typical Value
Appearance	Visual	Clear fluid
Colour	visual	Pink-red, fluorescent
Relative Density at 15.5°C	ASTM D 1122	1.07
Initial crystallization point, °C	ASTM D 1177	minus 37
pH	ASTM D 1287	8.5
Foaming properties* - Foam Volume, ml - Break Time, s	ASTM D 1881	10 0
Corrosion in Glassware* - Weight Loss, mg/specimen	ASTM D 1384	



Parameter	Test Method	Typical Value
- Copper		2.0
- Solder		1.0
- Brass		2.0
- Steel		-0.5
- Cast Iron		-1.4
- Aluminium		2.0

* measured on 67 %v/v of coolant in distilled water

Important note: typical data values do not constitute a specification but are an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved.

Health, safety and handling

This product is classified as dangerous and requires special labeling. The use of this product should be in accordance with the guidelines for safe handling in the safety data sheet

For more information about product MSDS, terms and conditions for storage and shelf life please visit: www.prista-oil.com