



PRISTA® ANTIFREEZE G 12+ Yellow

AUTOMOTIVE FLUID

Description and application

PRISTA® ANTIFREEZE G12+ Yellow 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, phosphates and 2-EHA and its derivatives, which makes it environmentally friendly.

PRISTA® ANTIFREEZE G12+ Yellow ensures a dependable and long-term engine protection against freezing and overheating, as well as protection against all forms of corrosion for all engine construction materials. Along with conventional engines, this antifreeze is particularly suitable for high-tech engines where high-temperature corrosion protection for the aluminium heat transfer surfaces is vital.

This product guarantees freezing protection at ambient temperatures down to minus 40 °C*.

PRISTA® ANTIFREEZE G12+ Yellow products allow extended drain intervals thanks to the special organic additives used in their formulation with 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 4985
BS	6580
SAE J	1034
JIS K	2234
AS	2108
CUNA NC	956
UNE	26361
CUMMINS	14603
MB	325.3
MAN	324 Type SNF
VW	TL774-F (G12+)
VOLVO	VCS
MTU MTL	5048
OPEL	GM 6277M (+B0040 1065)
Ford	WSS-M97B44-D
FVV Heft	R443
Renault	41-01-001

*Note - This temperature is the average value of the Initial Crystallization Temperature and the Pour Point. 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.

Typical characteristics

Parameter	Test Method	Typical Value
Appearance	Visual	Clear fluid
Colour	Visual	Yellow
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



Parameter	Test Method	Typical Value
Foaming properties** - Foam Volume, ml - Break Time, s	ASTM D 1881	10 0
Corrosion in Glassware**, weight loss, mg/specimen - Copper - Solder - Brass - Steel - Cast Iron - Aluminium	ASTM D 1384	2.0 1.0 2.0 -0.5 -1.4 2.0

** measured on 67 %v/v of Antifreeze 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.

Guidelines for safe handling, transport, and storage

This product is classified as dangerous and therefore requires special labeling. Follow the guidelines and requirements for safe handling and storage described in the product's safety data sheet.

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