

TECHNICAL DATA SHEET

Antifreeze [G]LINE G12+

Test required	Requirements	Typical results	Methods
1 Appearance	Homogeneous liquid. Clear colour	Homogeneous liquid. Pink/Red colour	Visual
2 Specific density at 20°C, gm/cm ³	Actual data	1.12 kg/m ³	ASTM D 1122
3 Freezing point, °C	- 37°C or less	- 37°C	ASTM D 1177
4 <u>Corrosion Properties</u> Weight change in mg/probe			
Copper	<10	0,4	ASTM D 1384
Solder	<30	0,3	ASTM D 1384
Brass	<10	0,6	ASTM D 1384
Steel	<10	0,2	ASTM D 1384
Casting	<10	1,6	ASTM D 1384
Silumin	<30	1,2	ASTM D 1384
5 pH		7,8-8,5	ASTM D1287
6 Boiling point, °C	Actual data	150-165°C	ASTM D1120
7 Refractive index	Actual data	ca.1.43	DIN 51423
8 Foam test after 1-3 seconds	Actual data	16 vol./3s	ASTM D1881
9 Reserve alkalinity	Actual data	5,0-5,5 ml	ASTM D1121
10 Free water	Actual data	3%	Karl Fischer

APPLICATION

Antifreeze [G]LINE G12+ intended for cooling the engines of modern cars, that have more iron details. Increases protection of plastic details. . Protects engine from freezing, overheating, corrosion. Manufactured with Organic Additive Technology (OAT). Classified as a long-life antifreeze. Recommended replacement interval: for passenger cars each 250 000 km., for commercial vehicles each 500 000km., or every 5 years

The product is ready to use and good for exploitation when the temperature is not lower than -37°C. Minimal using time is 5 years (follow car producers recommendation).



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SPECIFICATIONS MET BY ANTIFREEZE [G]LINE G12+:

Porsche/VW/Audi/Seat/Skoda TL 774 F, Mercedes MB 325.3 , Ford ESE M97B49-A, Renault 41-01-00 , Ford WSS-M97B44-D, Chrysler MS 9176, VOLVO (Reg. NDeutz/MWN 0199-2091 2 Auflage (C.W.) o 260), FORD ESD M97 B49-A, OPEL GM QL 130100, John Deere H 24 B1 and C1

SAFETY AT WORK

Antifreeze [G]LINE G12+ is harmful to humans and animals if swallowed. Wear suitable protective clothing, safety glasses and rubber gloves when handling this product. After contact with eyes, rinse immediately with water for 20 to 30 minutes under running water; if swallowed, seek medical advice immediately and show this container or label or product MSDS.

DISPATCH AND STORAGE

Transport by closed delivery equipment. Store at original cover in the closed warehouses. Supplied in road tankers, IBC containers and drums. Warranted time 24 months

The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances.