

FRIZANTIN G40®



Glysantin® and G40® are brands of
BASF – We create chemistry

Product Description:

FRIZANTIN G40 is an engine coolant concentrate based on ethylene glycol, intended for the latest generation of vehicles with cooling systems produced on the basis of aluminium and light metals, that needs to be diluted with water before use.

FRIZANTIN G40 contains a corrosion inhibitor package based on salts of organic acids and silicates (Si-OAT coolant). Frizantin G40 is free of nitrites, amines, phosphates and borates.

Purpose:

FRIZANTIN G40 provides maximum protection from overheating in summer and freezing in winter. It effectively protects engines against corrosion and deposits in the cooling system with its vital parts, the coolant channels in engine block and cylinder head, the radiator, the water pump and the heater core.

Prevent the foam formation and the occurrence of deposits of stones. It guarantees improved heat transfer, which provides special motor flexibility and maximum reliability for users. Suitable for use in open and closed cooling systems.

A special additive package provides an extended replacement interval of at least **five years**, i.e. 650.000 km (8.000 hours) for heavy duty vehicles, 250.000 km (2.000 hours) for passenger and light commercial vehicles, as well as 32.000 hours of operation (6 years) in stationary engines.

Use:

FRIZANTIN G40 should be blended with water in a concentration amongst 33 to 60% by volume prior to infilling. The usage of a 50/50 ratio for the mixture of water and Frizantin G40 is generally advisable.

For preparation of the coolant it is recommended to use distilled or deionized water. In most cases tap water is also appropriate.

Dilution	Freezing point, °C	Method
50%	-37	ASTM D 1177
33%	-18	



Technical Data Sheet

Physical and Chemical Properties:

	FRIZANTIN G40 100%	
Content of amines, phosphates, borates, nitrates and silicates	none	
Color	fluorescent pink	
Specific Density at 20°C, g/cm ³	1.123 – 1.126	DIN 51 757-4
Boiling Point	min 160 °C	ASTM D 112
Flash Point	min 120 °C	DIN ISO 2592
Reserve Alkalinity	8.0 – 11.0 ml	ASTM D 1121
Water Content	max 3.0 %	DIN 51 777-1
	50% dilution	
pH	8.2 – 8.6	ASTM D 1287
Freezing Point	-38°C	ASTM D 1177
Specific Density at 20°C, g/cm ³	1.068 tip.	DIN 51 757-4
Boiling Point	107°C tip.	ASTM D 112

Meet Specifications:

BS 6580; SAE J1034; ASTM D3306; ASTM D4985; AS 2108-2004; ÖNORM V 5123; CUNA NC 956-16; JIS K 2234:2006; SANS 1251:2005; China GB 29743-2013.

GLYSANTIN® G40® is approved by:

VW / Audi / Seat / Skoda / Lamborghini / Bentley / Bugatti TL 774-G; Porsche MY 1996; DTFR 29C120/MB 325.5; MAN 324 Type Si-OAT; CES 14603; MTU MTL 5048; Liebherr Minimum LH-01-COL3A; Deutz DQC CC-14; IRIZAR, S. COOP -2016.

Produced by: BASF SE, Carl-Bosch-Straße 38, D-67056 Ludwigshafen, Nemačka.

Imported and packed by authorized distributor: ADECO doo, Temerinski put 109, 21127 Novi Sad, Srbija.

