

## GAZPROMNEFT ANTIFREEZE HYBRID 40

GAZPROMNEFT ANTIFREEZE Hybrid 40 is a ready-to-use coolant based on ethylene glycol, containing a hybrid package of corrosion inhibitors based on salts of organic acids and silicates. Does not contain nitrites, amines and phosphates. Provides comprehensive corrosion protection and extended drain intervals compared to traditional antifreezes. Frost protection temperature -40 °C.

### Application

- Cars, trucks, buses, stationary engines and special equipment.
- Concentrate is not used as a working coolant.

### Advantages

- Contains a hybrid package of corrosion inhibitors based on salts of organic acids and silicates.
- Does not contain nitrites, amines, phosphates and borates (NF – Nitrite Free).
- Reduced repairs – thermostat, radiator and water pump
- Protects the engine from corrosion, overheating and defrosting.
- Provides an excellent degree of corrosion protection for the cylinder block, cylinder head, radiator, pump, heat exchangers.
- During operation it does not form deposits or blockages.

### Typical physical and chemical properties

Parameters	Method	GAZPROMNEFT ANTIFREEZE Hybrid 40
Appearance	Visually	Transparent homogeneous blue-green liquid without visible foreign inclusions
Density at 20 °C, g/cm <sup>3</sup>	ASTM D1122	1,120
Boiling point, °C	ASTM D1120	108
Alkalinity reserve, ml	ASTM D1121	14,5
pH	ASTM D1287	7,3
Foamability	ASTM D1881	max 50 ml / 3 s
Chilling point, °C	ASTM D1177	-37

### Specifications and standards

Afnor R15-601; AS 2108-2004; ASTM D3306; ASTM D4985; BMW N 600 69.0; BMW LC-87; BS 6580-2010; CUNA NC 956-16; Deutz DQC CA-14; Ford; GM B 040 0240; Iveco T18-1804 Classe T3 E4; MAN 324 NF; MB 325.0; MTU MTL 5048; ONORM V 5123; VW TL 774-C (G-11); China GB 29743; Seat; Skoda; Audi; Mitsubishi, Porsche 924, 928, 944, 968; Saab 6901599; SANS 1251:2005

**The company's management system is certified in accordance with the international standards**

ISO 9001



ISO 14001



ISO 45001

