

Gazpromneft Antifreeze

High Performance Antifreeze

Gazpromneft Antifreeze is high performance coolant made of ethylene glycol. Low silicate formula gives outstanding protection against corrosion and overheating for wide variety of automotive vehicles and industrial cooling systems. Gazpromneft Antifreeze contains nitrites and silicates for extended protection of heavy duty engines against cavitation and corrosion. Concentrated antifreeze formula needs to be diluted prior to be used.

Applications

- Automobiles, heavy duty trucks and buses, industrial cooling systems
- Gazpromneft Antifreeze Concentrate must be diluted prior to be used as recommended by vehicle manufacturer (see dilution chart)
- For preparation of the coolant it is recommended to use distilled or deionized water. Tap water can be used when not excessively hard

Dilution Chart

Antifreeze concentrate/Water, v/v%	Freeze protection
33/67	-18°C
50/50	-36°C
66/34	-65°C

Approvals

- MMZ
- YaMZ

Meets the requirements

- ASTM D3306
- ASTM D4985
- ASTM D6210
- BS 6580-2010
- Case Corp. MS1710
- Caterpillar
- Cummins 14603
- Detroit Diesel 7SE298
- Freightliner 48-22880
- General Motors 6038M
- John Deere 8650-5
- MACK
- Navistar
- New Holland 9-86
- PACCAR
- SAE 1941
- TMC RP329
- Waukesha 4-1974D
- AVTOVAZ
- GAZ
- KAMAZ

Typical Characteristics

Properties	Method	Gazpromneft Antifreeze SF12+
Color	visually	red
Density @20°C, g/cm ³	ASTM D1122	1,120
Boiling point (Concentrate), °C	ASTM D1120	172
Boiling point (50% volume solution), °C	ASTM D1120	108
Reserve Alkalinity, ml HCl	ASTM D1121	6,0
pH (50% volume solution)	ASTM D1287	10,0
Foaming characteristics	ASTM D1881	65ml/2s
Freezing Point (50% volume solution), °C	ASTM D1177	below -36
Water Content, wt%	ASTM D1123	3

Available type and size

Product Name	Type	Available Size
Gazpromneft Antifreeze	Concentrate (needs to be diluted prior to be used)	1kg, 220kg, 1000kg
Gazpromneft Antifreeze 40	Ready to use product that has been premixed with concentrate and water to provide efficient protection down to -36°C	1kg, 5 kg, 10kg, 220kg, 1000kg
Gazpromneft Antifreeze Arctic	Ready to use product that has been premixed with concentrate and water to provide efficient protection down to -50°C	220kg, 1000kg

Health, Safety & Environment

Information is provided for products in the relevant Safety Data Sheet (SDS). This provides guidance on potential hazards, precautions and first-aid measures, together with environmental effects and disposal of used products. SDS's are available upon request through your sales contract office. This product should not be used for purposes other than its intended use.

✔ ISO 9001

✔ ISO 14001

✔ ISO/TS 16949

✔ OHSAS 18001

CERTIFIED

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