

## 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, 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	-20°C
50/50	-38°C
66/34	-65°C

#### Meets the requirements:

- ASTM D3306, D4985, D6210
- BS 6580-1992
- 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
- YaMZ (approved)
- KAMAZ
- GAZ

### Typical Characteristics

Properties	Method	Gazpromneft Antifreeze
Color	visually	red
Density @20°C, g/cm <sup>3</sup>	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	-38
Water Content, wt%	ASTM D1123	3

### Available type and size

G-Energy Antifreeze	Concentrate (needs to be diluted prior to be used)	1kg, 220kg, 1000kg
G-Energy Antifreeze 40	Ready to use product that has been premixed with concentrate and water to obtain -40°C freezing point	1kg, 5 kg, 10kg, 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.