

G-Energy Antifreeze

High Performance Antifreeze

G-Energy Antifreeze is high performance coolant made of ethylene glycol. It provides protection of engines against corrosion and frost damage. G-Energy Antifreeze is free of silicates, nitrites, amines, phosphates, and borates. Concentrated antifreeze formula needs to be diluted prior to be used.

Applications

- Car, truck and bus engines
- G-Energy 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	-38°C
60/40	-55°C

Meets the requirements:

- ASTM D3306
- BS 6580:2010

Typical Characteristics

Properties	Method	G-Energy Antifreeze
Color	visually	Green
Density @20°C, g/cm ³	DIN 51 757-4	1,110 – 1,120
Refractive Index @20°C	DIN 51 423-2	1,428 – 1,433
Boiling point, °C	ASTM D1120	> 150
Flash point, °C	DIN EN ISO 2592	> 110
pH (33% volume solution)	ASTM D1287	7,7 – 8,5
Reserve Alkalinity, ml HCl	ASTM D1121	2,5 – 4,0
Water Content, wt%	DIN 51777-1	max. 4 %
Freezing Point (50% volume solution), °C	ASTM D 1177	below -37 °C
Freezing Point (33% volume solution), °C	ASTM D 1177	below -18 °C
Foaming characteristics (33% volume solution)	ASTM D 1881	max.50ml/3s

Available type and size

Product Name	Type	Available Size
G-Energy Antifreeze	Concentrate (needs to be diluted prior to be used)	1kg, 5 kg , 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
G-Energy Antifreeze 65	Ready to use product that has been premixed with concentrate and water to obtain -65°C freezing point	10kg, 220kg

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