

G-Energy Antifreeze SNF

High Performance Antifreeze

G-Energy Antifreeze SNF is extra high performance coolant made of ethylene glycol. The Organic Acid Technology (OAT) formula gives outstanding protection against frost, corrosion and overheating for engines of both ferrous and aluminum construction. G-Energy Antifreeze SNF is free of nitrites, amines, phosphates, silicates and borates. Concentrated antifreeze formula needs to be diluted prior to be used.

Applications

- Car, truck and bus engines of both ferrous and aluminum construction
- G-Energy Antifreeze SNF 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	-37°C
60/40	-55°C

G-Energy Antifreeze SNF (concentrate) and G-Energy Antifreeze SNF 40

Approvals

- Mercedes-Benz 325.3
- MTU MTL 5048
- MAN 324 SNF

Meets the requirements

- VW/Audi/Seat/Skoda TL 774-D/F (G-12/G-12+), Bentley TL 774-D/F, DAF MAT 74002, DEUTZ DQC CB-14, Jaguar (built as from 1999) VIN 878389, Lamborghini TL 774-D/F, MINI Cooper D (built as from 2007), Porsche (built as from 1996)
- AS 2108-2004, ASTM D3306, ASTM D4985, ASTM D6210, ASTM D7583, BS 6580:2010, SAE J1034, AFNOR SNF R15-601, ÖNORM V 5123, CUNA NC 956-16, SANS 1251:2005, SH 0521-1999

G-Energy Antifreeze SNF 50/50

Approvals

- MB 326.3

Typical Characteristics

Properties	Method	G-Energy Antifreeze SNF
Color	visually	red
Density @20°C, g/cm ³	DIN 51 757-4	1,122-1,125
Kinematic viscosity @20°C, mm ² /s	DIN 51 562	22-26
Refractive Index @20°C	DIN 51 423-2	1,432-1,436
Boiling point, °C	ASTM D1120	>160
Flash point, °C	DIN EN ISO 2592	>120
pH (33% volume solution)	ASTM D1287	8,2 – 8,6
Reserve Alkalinity, ml HCl	ASTM D1121	8 – 11
Water Content, wt%	DIN 51777-1	max. 3,5
Freezing Point (50% volume solution), °C	ASTM D1177	below -38
Freezing Point (33% volume solution), °C	ASTM D1177	below -18
Foaming characteristics (33% volume solution)	ASTM D1881	max.50ml/3s
Electrical conductivity @23°C (30-50% volume solution), mS/cm	ASTM D1125	approx. 4
Kinematic viscosity (50% volume solution), mm ² /s		
@0°C		8 – 10
@20°C	DIN 51 562	3 – 5
@80°C		0,9 – 1,1

Available type and size

Product Name	Type	Available Size
G-Energy Antifreeze SNF	Concentrate (needs to be diluted prior to be used)	1kg, 5 kg , 220kg , 1000kg
G-Energy Antifreeze SNF 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
G-Energy Antifreeze SNF 50/50	Ready to use product that has been premixed with 50% concentrate and 50% water to provide efficient protection down to -37°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.