

## NISOTEC ANTIFRIZ G12 LL 100

**NISOTEC ANTIFRIZ G12 LL 100** is a concentrated high-performance antifreeze, based on monoethylene glycol with inhibitors based on organic acids (OAT-Organic Acid Technology). Provides exceptional protection against freezing, corrosion, cavitation and overheating of engine cooling systems. It does not contain nitrites, amines, phosphates, silicates and borates. The proven formulation ensures an extremely long application period of up to 5 years in vehicle cooling systems. Concentrated antifreeze must be diluted before use according to the table.

### Applications:



- Engine cooling systems (including aluminum radiators) of all types of modern motor vehicles and machinery where antifreeze based on OAT technology is required
- For application, it must be diluted according to the engine manufacturer's instructions
- Distilled or demineralized water is recommended for the preparation of diluted coolant

### Table for mixing concentrated antifreeze and water

Antifreeze concentrate, v/v%	Protection against freezing up to
33/67	-18°C
50/50	-38°C
66/34	-65°C

Features	Advantages and Potential Benefits
Low freezing point	In a 50% solution, it protects against freezing up to -38°C
Excellent corrosion protection	OAT technology provides long-term and effective protection against corrosion of all elements of the cooling system
Gasket compatibility	No leaks or damage to seals in the system

### Specification:

- VW/Audi/Seat/Škoda TL 774-D/F (G12/G12+);
- DTFR 29C110 (MB 325.3);
- FORD WSS-M97B44-D/E;
- OPEL GM;
- VOLVO;
- MAN 324 SNF;
- MTU MTL 5048;
- SRPS H.Z2.010 typ I (OAT);
- BS 6580;
- ASTM D3306;
- ASTM D1384

### Typical characteristics

Characteristics	Method	NISOTEC ANTIFRIZ G12 LL 100
Color	visual	pink
Freezing point (50% v/v aqueous solution), °C	ASTM D1177	-38
Boiling point, °C	ASTM D1120	170
Reserve alkalinity, mL HCl	ASTM D1121	5,4
pH (50%v/v aqueous solution)	ASTM D1287	8,3
Density at 20°C, kg/m <sup>3</sup>	ASTM D5931	1116,0

### Health, Safety and Environment

Information on the safe handling, storage and disposal of the product, as well as information on precautionary measures and potential hazards, effects on human health and the environment can be found in the Product Safety Data Sheet (SDS). Store the product in its original packaging protected from atmospheric influences. Shelf life 3 years from the date of manufacture.

### Available packaging


**1KG**
**10L**
**220KG**
**1000L**