

Product Information

AVENO Antifreeze A12+

0002-400000



Description

AVENO Antifreeze A12+ is a high quality ethylene glycol based engine coolant specially developed to provide reliable frost, corrosion and overheating protection for modern cooling systems. It meets the requirements of many leading car manufacturers and is formulated with a silicate-free technology that ensures long life and efficient protection for sensitive metal surfaces such as aluminum. The product offers improved stability and performance for a wide range of vehicle types and applications. Note: This product should only be used in accordance with the vehicle manufacturer's instructions. Improper use or mixing with incompatible products may affect performance and cause damage.

Instructions for use

Dilution: AVENO Antifreeze A12+ must be mixed with water before use. Recommended Mixing ratios: 1:1 (50% antifreeze, 50% water) for frost protection down to approx. -37 °C. 1:2 (33% antifreeze, 67% water) for frost protection down to approx. -20 °C. Preferably use distilled or deionized water, to ensure the best performance and a long service life. Compatibility: Suitable for use in cars, trucks and stationary engines with aluminum or cast iron components. Before changing the coolant, the cooling system should be thoroughly flushed. Flushed thoroughly. Change intervals: Observe the change intervals and Comply with the manufacturer's specifications.

Recommendation

- DAF 74002
- Deutz DQC CB-14
- DTFR 29C110 (MB 325.3)
- Ford 1336797
- Ford 1336807
- Ford 1365305
- Ford WSS-M97B44-D (ab Modell 1999)
- Jaguar JLM 209722
- Jaguar Land Rover STJLR.651.5003
- Land Rover STC50529
- MAN 324 SNF
- MB 325.3
- Mitsubishi 0103044
- Mitsubishi 0103045
- Mitsubishi MZ311986
- Opel/GM 6277 M
- Opel/GM B0401065
- Porsche
- SAE J1034
- Toyota 00272-1LLAC
- Toyota 08889-00115
- Toyota 08889-01005
- Toyota 08889-80014
- Toyota 08889-80015
- VOLVO 9437650
- VOLVO 9437651
- VOLVO VCS (STD 418-0001)
- VW G 012 A8F M1
- VW G 012 A8F M8
- VW G 012 A8F M9
- VW TL 774-F (entspricht G12+)
- VW/Audi TL 774-D (entspricht G12+)

Properties

- Protects all metals used in the cooling system.
- Offers an extended change period due to high chemical stability.
- Silicate-free technology minimizes deposits and improves environmental compatibility.
- Effective protection against freezing, overheating and corrosion over a wide temperature range.
- Meets international specifications and requirements of many leading vehicle manufacturers.

Technical specifications

Properties	Data	Unit	Testing under
Appearance	PURPLE		VISUELL
Density at 15°C	1122	kg/m ³	DIN EN ISO 12185:2024-06
Flash Point (COC)	>110	°C	DIN 51758
Freezing Point	-37	°C	ASTM D 1177
Boiling Point	187	°C	ASTM D 1120
pH-Value at 20°C (50 Vol %)	7.5-8.5		ASTM D 1287
Reserve alkalinity	>5.5	mlO,1nHCL	ASTM D 1121
Water content	<5	Gew. %	ASTM D 1123