

Product Information

AVENO Antifreeze SF A12+

0002-000941



Description

AVENO ANTIFREEZE SF A12+ is an eco-friendly 1.2- Ethanediol (monoethylene glycol) based silicate, borate, nitrite and phosphate-free coolant for cooling circuits in combustion engines which provides maintenance-free corrosion and frost protection. This product is formulated based on a proven inhibitor development with the organic additive technology OAT as an extended life coolant. The quality of an antifreeze is no longer just determined by the antifreeze effect (which automatically exists in an ethylene-glycol based product), but by the rust protection. That is why automakers subject antifreeze to lengthy corrosion and cavitation tests. AVENO ANTIFREEZE SF A12+ protects the cooling system from rust, frost, and in summer, from overheating.

Instructions for use

AVENO ANTIFREEZE SF A12+ with highly effective frost and rust protection. Usable in cooling systems with all-aluminium engines. Mix according to chart. Follow manufacturer's recommendations. Even in summer coolant must contain enough antifreeze to ensure good corrosion and overheating protection. Instructions: Clean cooling system, check for leaks, flush. AVENO ANTIFREEZE SF A12+ with clean water (per mixing chart) and add. Allow engine and heater to warm up, add coolant to fill level. AVENO ANTIFREEZE SF A12+ can also be used in geothermal probes and geothermal collectors as recommended list of LAWA (Federal / State Working Group on Water in Germany). Mixing table (antifreeze/water): -12°C 25% 75% -20°C 35% 65% -37°C 50% 50% Application information MAN: Mixing ban with type NF and type N. Silicone cooling water hoses according to MAN 334 type 3 (blue) may not be used in conjunction with coolants according to MAN 324 type SNF.

Quality classification

Specification

- ASTM D 1384
- Long-life-G12+
- STN 66 8910
- TL 774- D
- TL 774- F

Recommendation

- DTFR 29C110 (325.3)
- Ford ESE M97B49-A
- Ford WSS-M97B44-D
- Porsche / VW/ AUDI/ Seat/ Skoda TL 774 F
- Renault 41-01-00
- Chrysler MS 9176
- FORD ESD M97B49-A
- John Deere H 24 B1 und C1
- OPEL GM QL 130100
- VOLVO (Reg. N Deutz /mwn 0199-2091 2 Auflage)

Properties

- Excellent suitability for aluminium engines
- Good reserve alkalinity
- alloys used in the cooling system, including aluminium.
- Compatible with the elastomers used in the coolers in car engines
- Optimum corrosion protection due to high quality corrosion additives for all metals and metal
- Prevents deposits from forming and foaming in the cooling system
- Can be mixed with other coolant antifreeze products
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