PRODUCT INFORMATION

HIGHTEC ANTIFREEZE AN-SF 12+

Long-term radiator antifreeze concentrate based on monoethylene glycol. Free of nitrite, amine, phosphate and silicate.

Description

HIGHTEC ANTIFREEZE AN-SF 12+ is an advanced long-lasting antifreeze concentrate based on monoethylene glycol. It is free of nitrite, amine, phosphate and silicate and offers reliable protection to aluminium and cast iron engines.

Application

HIGHTEC ANTIFREEZE AN-SF 12+ has been developed specifically to meet the requirements of modern aluminium and cast iron engines. It reliably protects against deposits and foam formation and thus ensures optimal heat dissipation. It is used in many internal combustion engines according to the manufacturer's specification.

Approvals

- VW TL-774 F (G12+)
- MAN 324 SNF

The quality of this product is equivalent to EU regulations

- ASTM D3306/D4985
- AFNOR NF R 15-601
- BS 6580
- SAE J1034
- Deutz DQC CB-14
- Ford WSS-M 97B44-D
- GM 6277M/Opel B040 1065
- MB 325.3
- MTU MTL 5048
- VW TL-774 D (G12)

Additionally this product is recommended when the following filling instructions are required

- JIS K 2234
- Jaguar Land Rover STJLR.651.5003
- Mitsubishi Super Long Life Coolant
- PSA B 71 5110
- Scania TI 02-98 0813 T/B/M sv
- Volvo VCS

Benefits

- It meets the VW specification VW TL 774-F (G12+)
- It is backward compatible with the former VW specifications G12 and G11 (TL 774 C/D)
- Additive technology without silicate
- Available for use in cast iron and aluminium engines
- Prevention of deposits in a reliable manner
- Very good and permanent corrosion protection
- Unsurpassed protection against cavitation
- Minimal tendency to foam
- Miscible and compatible with other antifreeze concentrates of the same specification. However, in order to exploit the full product benefits of HIGHTEC ANTIFREEZE AN-SF 12+, a complete coolant change is recommended.

Mixing Table

Frost protection up to [°C / °F]	ANTIFREEZE	H2O
-37 / -35	1	1
-27 / -17	1	1,5
-20 / -4	1	2

ROWE MINERALÖLWERK GMBH
Langgewann 101, D-67547 Worms

Are you looking for the correct oil for your vehicle?
Scan this code for the ROWE-oilfinder.

PRODUCT INFORMATION

HIGHTEC ANTIFREEZE AN-SF 12+

Typical characteristics

Property	Method	Unit	Value
Density at 20 °C	ASTM D1122	g/ml	1.121
Color	visuell	-	magenta
Kinematic viscosity KV 20	ASTM D-7042	mm^2/s	25
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	> 110
Boiling point	ASTM D 1120	°C	> 160
pH	ASTM D1287	-	7,9 - 8,6
Freezing point 1:1 AF:Water	ASTM D1177	°C / °F	-37 / -34,6

The characteristics shown are typical of current production. This data cannot be constructed as a legally binding warranty or guaranty of certain product properties or of the suitability of the product for a specific application. ROWE products are continually improved. Therefore ROWE reserves the right to change all the technical data in this product information at any time without notice. All sales and deliveries shall be subject to our current General Terms and Conditions of Sale and Terms (www.rowe-oil.com).

ROWE MINERALÖLWERK GMBH
Langgewann 101, D-67547 Worms

Are you looking for the correct oil for your vehicle?
Scan this code for the ROWE-oilfinder.