

HIGHTEC ANTIFREEZE AN 12++

Present-day generation of premium long-lasting radiator antifreeze concentrate based on monoethylene glycol. Free of nitrite, amine and phosphate.

Description

HIGHTEC ANTIFREEZE AN 12++ is a present-day generation of premium long-lasting radiator antifreeze concentrate based on monoethylene glycol. It is free of nitrite, amine and phosphate and offers reliable protection to aluminium and cast iron engines.

Application

HIGHTEC ANTIFREEZE AN 12++ has been developed specifically to meet the latest requirements applicable to 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-G (G12++)

The quality of this product is equivalent to EU regulations

- ASTM D3306
- AFNOR NF R 15-601
- BS 6580
- SAE J1034
- MAN 324 Si-OAT
- MB 325.5/325.6
- Scania TB 1451

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

- JIS K 2234

Benefits

- It meets the current VW specification VW TL 774-G (G12++)
- It is backward compatible with the former VW specifications G12+, G12 and G11 (TL 774 C-F)
- 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 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

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Typical characteristics

Property	Method	Unit	Value
Density at 20 °C	ASTM D1122	g/ml	1,12
Color	visuell	-	magenta
Kinematic viscosity KV 20	ASTM D-7042	mm ² /s	25
Boiling point	ASTM D 1120	°C	> 163
pH	ASTM D1287	-	8,6
Reserve alkalinity	ASTM D1121	ml 0,1 M HCl/10ml	~ 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.com.de).

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