

## HIGHTEC ANTIFREEZE AN-SF 12+ READY-MIX -25 °C

Advanced, long-lasting radiator antifreeze pre-mixed formulation based on monoethylene glycol. Free of nitrite, amine, phosphate and silicate.

### Description

HIGHTEC ANTIFREEZE AN-SF 12+ READY-MIX -25 °C is an advanced, long-lasting radiator antifreeze pre-mixed formulation 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+ READY-MIX -25 °C 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.

### The quality of this product is equivalent to EU regulations

- ASTM D3306
- AFNOR NF R 15-601
- BS 6580
- SAE J1034
- Ford WSS-M 97B44-D
- GM 6277M/Opel B040 1065
- MAN 324 SNF
- MB 326.3
- MTU MTL 5048
- VW TL-774 D/F (G12/G12+)

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

- JIS K 2234
- Deutz DQC CB-14
- Jaguar Land Rover STJLR.651.5003
- Mitsubishi Super Long Life Coolant (MZ313950)
- 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)
- Ready-mix - ready for immediate use
- Reliable antifreeze protection at temperatures as low as -25°C
- Reduction in the risk of incorrect filling
- Elimination of problems caused by unsuitable water quality or a false mixing ratio
- 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 agents of the same specification. However, in order to exploit the full product benefits of HIGHTEC ANTIFREEZE AN-SF 12+ READY-MIX -25 °C, a complete coolant change is recommended.



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### Typical characteristics

Property	Method	Unit	Value
Density at 20 °C	ASTM D1122	g/ml	1.047
Color	visuell	-	magenta
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	> 100
Boiling point	ASTM D 1120	°C	~ 103
pH	ASTM D1287	-	8,0 - 8,5
Freezing point	ASTM D1177	°C / °F	-25 / -13

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](http://www.rowe-oil.com)).

