

## HIGHTEC ANTIFREEZE AN

Radiator antifreeze concentrate based on monoethylene glycol. Free of nitrite, amine and phosphate.

### Description

HIGHTEC ANTIFREEZE AN is a premium radiator antifreeze concentrate based on monoethylene glycol and free of nitrite, amine and phosphate. Suitable for aluminium and cast iron engines.

### Application

HIGHTEC ANTIFREEZE AN has been developed specifically to meet the requirements of aluminium and cast iron engines in passenger cars and commercial vehicles. 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.

### Benefits

- Available for use in cast iron and aluminium engines
- Additive technology containing silicate
- 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, a complete coolant change is recommended

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

- ASTM D3306/D4985
- AFNOR NF R 15-601
- BS 6580
- SAE J1034
- BMW N60069.0
- Deutz
- MAN 324 NF/Pritader
- MB 325.0
- MTU MTL 5048
- Opel/GM B 040 0240
- VW TL 774-C (G11)

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

- BMW 83 19 2 211 195
- JIS K 2234

### 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	1,117
Kinematic viscosity KV 20	ASTM D-7042	mm <sup>2</sup> /s	21
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	> 100
Color	visuell	-	blau / blue
Boiling point	ASTM D 1120	°C	> 165
pH	ASTM D1287	-	7,8 - 8,5
Reserve alkalinity	ASTM D1121	ml 0,1 M HCl/10ml	~ 4 - 5
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](http://www.rowe.com.de)).

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