

## HIGHTEC ANTIFREEZE

High-quality radiator antifreeze concentrate on a monoethylene glycol basis with excellent corrosion protection properties. Nitrite-, amine- and phosphate-free.

### Description

HIGHTEC ANTIFREEZE is a premium radiator antifreeze concentrate free of nitrite, amine and phosphate. It reliably protects against deposits and foam formation in cast iron and aluminium engines in accordance with the manufacturer's instruction.

### Application

HIGHTEC ANTIFREEZE has been developed to meet the requirements of 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.

### Equivalent quality in accordance with EU-law as per

- ASTM D3306/D4985
- SAE J1034

### This product is also recommended when the following filling instructions are required

- JIS K 2234
- Erfüllt die Korrosionsschutzanforderungen der / Meets corrosion protection requirements of VW TL 774-C (G11)

### Advantages

- 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
- The corrosion protection properties fulfil the VW TL 774-C (G11) requirements
- Miscible and compatible with other antifreeze concentrates of the same specification. However, in order to exploit the full product benefits of HIGHTEC ANTIFREEZE, a complete coolant change is recommended.



## Mixed table

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

## Typical characteristics

Property	Method	Unit	Value
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	> 110
Color		visual	blau / blue
Kinematic viscosity KV 20	ASTM D-7042	mm <sup>2</sup> /s	25
Density at 20 °C	ASTM D1122	g/ml	1
Boiling point	ASTM D 1120	°C	> 160
pH	ASTM D1287	-	8,0 - 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

These characteristics are typical for current production. The data does not constitute an assurance of properties or a guarantee of suitability for a specific application. Existing legal provisions and regulations that affect handling and usage of the products must be observed by the recipient of our products. ROWE products are continuously being developed. For this reason, ROWE retains the right to change all technical data in this product information at any time without prior announcement. Our current General Delivery and Payment Conditions apply ([www.rowe-oil.com](http://www.rowe-oil.com)).

