

## HIGHTEC ANTIFREEZE COOLANT AN

Monoethylene glycol-based coolant concentrate with high corrosion protection and frost protection. Nitrite-free, amino-free, phosphate-free. HIGHTEC ANTIFREEZE COOLANT AN is 2-ethylhexanoic acid free.

### Description

HIGHTEC ANTIFREEZE COOLANT AN is a premium coolant concentrate based on monoethylene glycol with high corrosion protection and frost protection. It does not contain any nitrite, amine and phosphate. Suitable for aluminium engines and cast iron engines.

### Application

HIGHTEC ANTIFREEZE COOLANT 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.

### Specifications

- ASTM D3306/D4985
- AFNOR NF R 15-601
- BS 6580
- JIS K 2234
- SAE J1034
- BMW N60069.0
- Deutz DQC CA-14
- DTFR 29C100 (ex. MB 325.0)
- MAN 324 NF/Pritader
- MTU MTL 5048
- Opel/GM B 040 0240
- VW TL 774-C (G11)

### ROWE recommendations

- BMW 83 19 2 211 195
- Caterpillar CAT EC-1/ELC (Extended Life Coolant)

### Advantages

- 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 COOLANT AN, a complete coolant change is recommended

### Notes

- HIGHTEC ANTIFREEZE COOLANT AN is 2-ethylhexanoic acid free.



## Mixing table

Frost protection up to [°C / °F]	ANTIFREEZE COOLANT	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	> 100
Color		visual	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

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)).

