



MAINTAIN FRICOFIN

Super High Performance Additive based on monoethylene glycol. Free from nitrite, amine and phosphate.

Description

MAINTAIN FRICOFIN is an antifreeze coolant concentrate based on mono ethylene glycol. It is free of nitrite, amine and phosphate. Due to its additive composition MAINTAIN FRICOFIN belongs to the hybrid type coolants. MAINTAIN FRICOFIN provides reliable protection against damages caused by cavitation, frost, corrosion and overheating for both modern passenger car and heavy duty engines. Due to its highly active component package, MAINTAIN FRICOFIN protects all metals used in coolant systems. At the same time it preserves seals, plastics and hoses.

Application

MAINTAIN FRICOFIN must be diluted with water, before filled into the coolant system. MAINTAIN FRICOFIN can be mixed with distilled or fully demineralised or tap water to a concentration range of 35% to 50% by volume. The analysis analytical properties of the water should not exceed the following limits.

Water hardness:	0 - 20 °dGH (0-3,6 mmol/l)
Chloride content:	max. 100 ppm
Sulphate content:	max. 100 ppm

Should analysis of water exceed these limits it can be easily adjusted by adding distilled or deionised water. Manufacturers drain intervals and recommendations about the application concentration are mandatory.

Attention:

This product is recommended for use at combustion engines only.

Advantages/Benefits

- Universal use in both passenger car and heavy duty engines, where a silicate containing coolant is recommended.
- Excellent for use in engines, cylinder heads and radiators made of alloy.
- Outstanding protection against deposits, cavitations and corrosion.
- Contains bittering agent

Specifications

- AFNOR NF R 15-601 TYPE 1
- ASTM D 3306 TYPE I
- ASTM D 4985
- BS 6580:2010
- CUNA NC 956-16
- SAE J814
- SAE J1034

Approvals

- BMW GS 94000
- (BMW N 600 69.0)
- CAT / MWM TR 0199-99-2091
- DEUTZ DQC CA-14
- JENBACHER TA 1000-0201
- MAN 324 TYPE NF
- MAN 324 TYPE NF PRITARDER
- MB-APPROVAL 325.0
- MTU MTL 5048
- PN-C 40007:2000
- VOITH TURBO 172.00225010

FUCHS Recommendations

- DAF 74001
- LIEBHERR TLV 035/TLV 23009 A
- OPEL/GM B 040 0240
- VW TL 774-C (G11)

PI60398e, PMA, 24.02.2016, Page 1

While the information and figures given here are typical of current production and confirm to specification, minor variations may occur. No warranty expressed or implied is given concerning the accuracy of the information or the suitability of the products.



TYPICAL CHARACTERISTICS

Density at 20 °C	DIN 51757	1.119 g/ml
Colour	visual	blue green
Flash Point, CoC	DIN ISO 2592	>120 °C
Boiling point	ASTM D 1120	>165 °C
pH-value	DIN 51 369	7.2

TABLE OF MIXING-RATIOS

Frost protection	Parts MAINTAIN FRICOFIN	Parts Water
-20°C	1	2
-27°C	1	1.5
-40°C	1	1

PI60398e, PMA, 24.02.2016, Page 2

While the information and figures given here are typical of current production and confirm to specification, minor variations may occur. No warranty expressed or implied is given concerning the accuracy of the information or the suitability of the products.