

MAINTAIN FRICOFIN LL

Premium Coolant Additive based on monoethylene glycol. Free from nitrite, amine, phosphate and silicates.

Description

MAINTAIN FRICOFIN LL is a long term anti-frost coolant concentrate based on mono ethylene glycol for heavy duty application as well as passenger cars and stationary combustion engines. MAINTAIN FRICOFIN LL is free of nitrites, amines, silicates and phosphates and is formulated using the high efficient OAT (Organic Acid Technology). MAINTAIN FRICOFIN LL prevents reliably high loaded engines from passenger cars and commercial vehicles from frost, overheating, corrosion and cavitation. This high efficient protection extends all in the cooling system present metals, specially aluminium.

Application

MAINTAIN FRICOFIN LL is a coolant concentrate and must be diluted with water before application. Best concentration for application is 35vol% as minimum and 50vol% at maximum. Demineralized water fits best.

Advantages/Benefits

- Universal usability (passenger cars, truck and stationary engines)
- Perfect for engines, cylinder heads and radiators made from aluminium.
- Extended drain intervals
- Protection from deposits, cavitation and corrosion
- Contains bittering agent

Attention: This product is recommended for use in combustion engines only.

Specifications

- ASTM D 3306
- ASTM D 4985
- BS 6580
- KSM 2142
- FORD WSS-M97-B44-D

Approvals

- DAF 74002
- DEUTZ TC 0199-99-1115
- MAN 324 SNF
- MB-APPROVAL 325.3
- MWM TC 0199-99-2091
- Bez.Reg.Arnsbg. E62.12.22.64-2011-1

FUCHS Recommendations

- AFNOR NFR 15-601
- NATO S-759
- CUMMINS (ISBe engines at DAF and Leyland)
- DETROIT DIESEL COMPANY 93K217
- GM 6277M
- IRISBUS
- JASO M325
- JIS K2234
- KOBELCO
- KOMATSU
(different colour and ready to use)
- LIEBHERR MD 1-36-130
- PSA B 71 5110
- RENAULT Type D
- VW TL 774 D/F (different colour)
- VOLVO 128 6083/002
(=VOLVO TRUCKS, VOLVO CE, from MY 2005)
- WAUKESHA
- YANMAR



TYPICAL CHARACTERISTICS

Density at 20 °C	DIN 51757	1.113 g/ml
Colour	DIN ISO 2049	orange ASTM
Flash Point, CoC	DIN ISO 2592	> 120 °C
Boilling Point	ASTM D 1120	> 160 °C
pH-Value	DIN 51 369	8.6

Table of Mixing-Ratios

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

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