

Mabanol Engine Coolant Extra

Engine Coolant Concentrate

Application

Mabanol Engine Coolant Extra is based on monoethylene glycol and hybrid corrosion inhibitor package with salts of organic acids and silicates. It is suitable for use in aluminium engines. It is recommended to dilute 33 % of Mabanol Engine Coolant Extra with 67 % distilled water in order to offer frost protection of down to -20 °C. Dilutions of over 70 % are not recommended. For optimal anti-corrosive effect and to prevent sludge formation 50% radiator protection and 50 % water are recommended.

Mabanol Engine Coolant Extra is mixable with most of the ethylene glycol based engine coolants.

Properties

Mabanol Engine Coolant Extra offers excellent protection against corrosion, cavitation and deposits. In addition, it provides foam reduction and increases the boiling point of the water. It was developed to protect car, truck and bus engines of both ferrous and aluminium construction against corrosion and frost damage.

Mabanol Engine Coolant Extra is free of nitrites, amines and phosphates.

The use of galvanized steel is not recommended for pipes or any other part of the storage and mixing installation.

Recommended for

- ASTM D 3306
- BS 6580
- CUNA NC 956-17
- FVV Standard
- BMW GS 94000
- Opel / G.M. B 040 0240
- VW / Seat / Audi / Skoda VW TL 774 C
- MAN 324 NF
- MB-Sheet 325.0
- MTU MTL 5048
- Deutz DQC CA-14
- Jenbacher TA-Nr. 1000-0201
- Liebherr LH-00-COL3A

Dilution table

Ratio concentrate	1	1	1
Ratio water	2	1,5	1
Frost protection (in °C)	-20	-26	-35

Not to be mixed to frost protection ratios higher than -20°C, since a coolant content of less than 33 % would no longer ensure optimum corrosion protection.

Data

	Test method	Unit	Value
Density at 15°C	ASTM D 1122	g/cm ³	1,120 – 1,160
Flash point COC	ASTM D 92	°C	> 112
Boiling temperature	ASTM D 1120	°C	> 163
Water content	ASTM D 1123	Wt. %	< 5
pH value (at 50%)	ASTM D 1287		8 - 9

Updated in March 2022

The above values may vary within the commercial limits.

Customs Tariff No.: 3820 0000