

Mabanol Engine Coolant Basic

Antifreeze concentrate

Application

Mabanol Engine Coolant Basic was developed to protect cast iron and aluminium engines which can be attributed to its excellent corrosion inhibiting compounds. Mabanol Engine Coolant Basic increases the boiling point, reduces the freezing point and is hard water compatible. It is recommended to be used at a concentration of 50 % which will ensure a frost protection of -37 °C. The concentration should neither be lower than 40 % nor higher than 60 %.

Properties

Mabanol Engine Coolant is an ethylene glycol base engine coolant which effectively provides year-round protection against corrosion, cavitation and prevents the formation of rust, frost and deposits. It is free of nitrites, amines and phosphates. It contains agents that hinder the formation of foam and the product is neutral to metals, rubber parts and sealing materials.

As with any antifreeze coolant, the use of galvanized steel is not recommended for pipes or any other part of the storage and mixing installation.

Standards / Test methods

- BS 6580: 1992
- ASTM D 3306

Dilution Table

Antifreeze	Water	Frost protection
1 part	2 parts	-20 °C
1 part	1,5 parts	-27 °C
1 part	1 part	-37 °C

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.

Key data

	Test method	Unit	Value
Density at 15 °C	ASTM D 4052	g/cm ³	1.120 – 1.130
Boiling Point	ASTM D 1120	°C	170
PH- Value at 25 °C	ASTM D 1287	-	7.5 – 8.5
Water content	ASTM D 1123	% max	< 5%
Colour	-	-	blue

The above values may vary within the commercial limits.

Customs Tariff No.: 38200000