

Mabanol Engine Coolant Premium

Silicate-free engine coolant concentrate

Application

Mabanol Engine Coolant Premium offers excellent corrosion protection for metals, metal alloys and aluminium used in cooling systems. It is also suitable for coolant systems with aluminium engines.

Mabanol Engine Coolant Premium is developed with Organic Acid Technology (OAT) and is miscible with most ethylene-glycol based engine coolants. However in order to attain the best possible protection against corrosion and the formation of sludge it is advised not to mix Mabanol Engine Coolant Extra with other coolants.

Properties

Mabanol Engine Coolant Premium is based on mono-ethylene glycol (1,2 ethanediol) and is developed for use in cooling systems in internal combustion engines.

Mabanol Engine Coolant Premium is free of nitrite, amine and phosphate as well as silicate. It provides protection against corrosion, cavitation and deposits and reduces the formation of foam.

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.

Approved under a different title

- MB approval 325.3
- MAN 324 SNF
- VW TL 774 F (Audi, Seat, Skoda, Volkswagen)
- MTU MTL 5048
- Porsche Carrera, Boxster, Cayenne

Dilution table

Antifreeze	Water	Frost protection
1 part	2 parts	-20 °C
1 part	1,5 parts	-27 °C
1 part	1 parts	-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 20 °C	DIN 51 757-4	g/cm ³	1,122 – 1,125
Viscosity at 20 °C	DIN 51 562	mm ² /s	22,00 – 26,00
Refraction at 20 °C	DIN 51 423	-	1,432 – 1,436
Boiling point	ASTM D 1120	°C	>160
Flashpoint	DIN EN ISO 2592	°C	>120
PH value	ASTM D 1287	-	8,2 – 8,6
Reserve alkalinity M/10 HCl	ASTM D 1121	ml	8 – 11
Water content	DIN 51 777-1	%	3,0
Colour	-	-	purple

The above values may vary within the commercial limits.

Customs Tariff No.: 38200000