

Mabanol Protect Additive

Mineral oil-free, water-soluble anti-corrosion additive

Application

Mabanol Protect Additive is a mineral oil-free, water-soluble anti-corrosion additive that is used to improve the anti-corrosion behavior of cooling lubricant solutions and emulsions when machining ferrous metals.

Mabanol Protect Additive is free of boric acid, contains amines and free of formaldehyde releasers.

Properties

Mabanol Protect Additive offers excellent anti-corrosion properties with low foaming tendency and can be used universally for emulsions as well as for solutions on individually filled machines as well as in central systems.

Remarks

The application concentration depends on the respective conditions. As a rule, the addition of 0.5% to 2.5% is sufficient. However, the correct amount to be added should be checked in a preliminary test.

Use concentration: 0.5% - 2.5%

Due to the selected raw materials, slight deviations in color and appearance are possible, but these do not affect the functionality of the product.

Please refer to the safety data sheet for information on safe handling.

Storage of treated components

Indoor: max. 3 months

Outside: not provided

Data

	Unit	Value
Concentrate		
Mineral oil	%	0
Density at 15°C	kg/m ³	1124
Kin. Viscosity at 20°C	mm ² /s	34
Flashpoint PM	°C	>100
Film thickness		depending on concentration
Emulsion		
pH at 3%		9,6
Refractometer factor	%/°Brix	1,0

Shelf life / storage conditions

Stable for 12 months when stored at a temperature of 5 °C to 40 °C in unopened containers

The above values may vary within the commercial limits.
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