

Mabanol Additiv SP

EP additive package for cutting oils

Application

Mabanol Additive SP is an EP additive package for the formulation of non-water-miscible cooling lubricants that can be used universally for light to heavy-duty machining.

Properties

Mabanol Additive SP is compatible with a large number of Mabanol Cut cutting oils and offers easy handling at ambient temperatures of 20°C to 30°C.

Due to the special additives, Mabanol Additiv SP is particularly suitable as a booster to increase performance and chip breaking in high-alloy steels and stainless steels.

Remarks

The application concentration depends on the respective conditions.

Compatibility with the desired Mabanol Cut cutting oil should first be tested in a laboratory test.

In-use concentration in cutting oils:

- Light machining: 8 %
- Medium machining: 10 %
- Heavy machining: from 15 %

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.

Data

	Einheit	Wert
Density at 15°C	g/cm ³	0,962
Kin. Viscosity at 40°C	mm ² /s	70
Flashpoint COC	°C	180
Copper corrosion (3 h/100°C)		4a (corrosion)

Shelf life / storage conditions

Stable for 24 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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