

Mabanol DCHA-Emulgator

Stabilizer / cleaning additive for water-emulsifiable cooling lubricants

Application

Mabanol DCHA-Emulgator is a liquid stabilizer and a modern cleaning additive that, due to its improved properties, can also be used to temporarily raise the pH value.

Application

The application concentration depends on the specific conditions. Typically, 0.3% is sufficient. However, if necessary, the addition can be gradually increased to 1%.

Application concentration: 0.3 – 1%

Remarks

Minor variations in colour and appearance are possible due to the raw materials chosen. However, these have no influence on the functionality of the product.

Instructions for safe and proper handling can be found in the safety data sheet.

Recommended cleaning procedure

Add 0.5–1% Mabanol DCHA Emulgator to the current coolant fill to remove residues from the machine room. Machining can continue; the DCHA emulsifier should be circulated in the system for five days before adding the system cleaner.

Recommended Procedure for Product Change

1. Reduce the fill level of the emulsion tank to approximately 30% of its capacity.
2. Add 1% Mabanol DCHA Emulgator to the current coolant fill. The machining process can continue; the DCHA emulsifier should be circulated for 24 hours.
3. Fill the emulsion tank with new coolant to > 90%. The target concentration should be 8-10%.

Data

	Unit	Value
Appearance		colorless, cloudy
Density at 15°C	g/m ³	1,017
Refractive index	n _D ²⁰	1,482

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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