

STRUB Stabillo Cut YM PF

Biostable, water-miscible cooling lubricant especially suitable for non-ferrous metal machining (free from phospor)

Art.-No. 31957

Description

Water-miscible, phosphorus-free cooling lubricant from our latest product line. Especially suitable for the area of non-ferrous metals and copper alloys, but also for aluminum, steel, cast iron to chrome steel.

Application

STRUB Stabillo Cut YM PF is a universal product for all machining operations such as grinding, drilling, turning, milling, sawing, reaming and threading.

Features and advantages

- excellent machining properties
- good pH stability
- low foaming, even in soft water
- low consumption, therefore very economical
- phosphorus-free, chlorine-free

Mixing ratio

Concentration	Refractometer reading	Effective concentration
- Grinding	3.9% - 4.6%	5% - 6%
- Turning	3.9% - 5.4%	5% - 7%
- Drilling / Milling	4.6% - 6.9%	6% - 9%
- Reaming	4.6% - 6.9%	6% - 9%
- Thread cutting	5.4% - 7.7%	7% - 10%
- Sawing	5.4% - 7.7%	7% - 10%

The information in this technical data sheet is based on general knowledge and application possibilities. STRUB + Co. AG is not liable for damage resulting from improper use of the products. The industry-standard measurement and production tolerances apply to the specified characteristic. Generally, no legal binding can be derived from these data. Our products are subject to continuous further development. Therefore, STRUB + Co. AG reserves the right to change all technical data in this data sheet at any time and without prior notice.

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Technical data

Appearance concentrate Density at 20°C Emulsion type 5% in tap water pH value 5% in tap water Factor Refractometer reading Brownish 0.970 g/cm3 milky ~ 9.7 1.3 (multiply)

Do not store below 7°C or above 40°C

Do not expose the container to direct sunlight.

If the cooling lubricant has nevertheless been exposed to temperatures below 7°C or even in the freezing point range for a short time, the container should be stored at room temperature for 3 days and then the concentrate must be stirred vigorously until it is clear or homogeneous.

Transport

ADR/SDR No dangerous goods

Disposal

LVA VeVA / EAK: Concentrate 12 01 07

Emulsion 12 01 09

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