

STRUB Stabillo Cool TM 1 / SW

Biobalanced, water-miscible cooling lubricant for tube manufacturing, grinding (incl. disc grinding), Metalworking



Art.-No. 30903

Description

Water-miscible cooling lubricant of the latest generation for all tube manufacturing operations. By using a specially developed biobalanced system, this cooling lubricant works without any added bactericides.

Application

STRUB Stabillo Cool TM 1 / SW is a universal product for all cold pipe forming operations with cold rolled steel, hot rolled steel and high alloy steel. The product is also suitable for metal cutting operations such as grinding, drilling, turning and milling.

Features and advantages

- excellent properties
- skin-friendly, as a low pH range is possible (8.8)
- low foaming tendency, even in soft water
- no control with bactericides and fungicides, because protected by selective bacterial flora
- low consumption, therefore economical

Mixing ratio

Concentration	Refractometer reading	Effective concentration
- Grinding	Min. 4.5%	Min. 4%
- Turning	4.5% - 6.7%	4% - 6%
- Drilling / Milling	5.6% - 6.7%	5% - 6%
- Reaming	6.7% - 7.8%	6% - 7%
- Thread cutting	6.7% - 7.8%	6% - 7%
- Sawing	7.8% - 8.9%	7% - 8%

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.

Technical data

Appearance concentrate
 Density at 20°C concentrate
 Emulsion type 5% in tap water
 pH value 5% in tap water
 Factor refractometer reading

Brownish
 0.957 g/cm³
 transparent - opaque
 ~ 9.7
 0.9 (multiply)

Do not store below 7°C or above 40°C.
 Do not expose containers to direct sunlight.
 Should the cooling lubricant nevertheless be exposed for a short time to temperatures below 7°C or even in the freezing point range, the container should be stored for 3 days at room temperature 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

Note

Do not mix with other cooling lubricants, as the bio-flora may be destroyed.

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