

STRUB Stabillo Cut Bronze

Soluble metalworking fluid

Art.-No. 33814

Description

STRUB Stabillo Bronze mineral oil based is specially developed for Cu-Alloys, including bronze CW 614, CW 625, aluminum and other metals. It has a synergistic additive package to raise the finish and machining performance including long system life. Strub Stabillo Bronze is free of boron, nitrite, chlorin, formaldehyde releaser, solvents and aromatic components.

Application

	Yellow metals	Aluminum Alloys	Low-medium Alloy steel	High alloyed stainless steel
Rotate	xx	x	x	x
Drilling / Milling	xx	x	x	x
Reaming / Tapping	xx	x	x	x
Broaching	xx	x	x	x
Grinding	xx	x	x	x

xx suggested core application

x possible application

Before use, please consult with the Strub representative.

Recommended concentrations

	Refractometer reading	Effective concentration
Grinding	Min. 5%	Min. 5%
Turning	5% – 6%	5% – 6%
Drilling / Milling	5% – 7%	5% – 7%
Reaming / Tapping	7% – 10%	7% – 10%
Broaching	7% – 10%	7% – 10%

Features and advantages

- fulfills the legislation environmental waste and local legislation
- extended fluid life
- suppressed residue formation
- versatile product for a wide range of metals and metal operations
- stable and suitable in a wide range of water hardness (2°dH - 18°dH)

The information in this technical data sheet is based on general knowledge and possible applications. Strub + Co. AG is not liable for damage resulting from improper use of the products. The measurement and production tolerances customary in the industry apply to the characteristic data given. In general, no legal binding force 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

Concentrate Appearance Density at 20°C Viscosity at 20 °C Viscosity at 40 °C Mineral oil content Emulsion Appearance 5% in tap water pH value 5% in tap water Factor refractometer reading Do not store below 7 °C or above 40 °C Do not expose containers 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.	Brownish 0.929 g/cm ³ ~ 352 mm ² /s ~ 110 mm ² /s 49 % Opaque - milky ~ 9.1 1.0 multiply
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Transport

ADR/SDR No dangerous goods

Disposal

FVO VeVA / EAK:	Concentrate	12 01 07
	Emulsion	12 01 09

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