

# STRUB Stabillo Cut Extreme O

Universal, biostatic high-tech cooling lubricant

**Art.-No. 31936**

## Description

Water-emulsifiable, mineral oil-based, bacteria-resistant cooling lubricant with very universal character. STRUB Stabillo Cut Extreme O does not stick and, thanks to the small emulsion droplet size, has a high rinsing-cleaning power with excellent dripping capacity. The product has a very low consumption, even in cast machining (lower post-dosing ~ 1 % to be able to keep the concentration) and is therefore very economical.

## Application

Milling, turning, drilling, sawing, grinding (also centerless) in steel, cast iron, aluminum (6000 and 7000 series / no staining). Copper corrosion test 40 °C / 3 hrs 1b (pass).

## Features and advantages

- high biostability
- low consumption and very good rinsing-cooling penetration effect
- tested rust protection
- low foaming tendency, even in soft water
- top price-performance ratio
- skin friendly

## Mixing ratio

Concentration	Refractometer reading	Effective concentration
Grinding	Min. 4.5 %	Min. 5 %
Turning	4.5 % – 6.4 %	5 % – 7 %
Drilling / Milling	5.5 % – 7.3 %	6 % – 8 %
Reaming	5.5 % – 7.3 %	6 % – 8 %
Thread cutting	5.5 % – 7.3 %	6 % – 8 %
Sawing	7.3 % – 9.1 %	8 % – 10 %
Deep hole drilling	7.3% – 9.1 %	8 % – 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.

## Technical data

<b>Concentrate</b> Appearance Density at 20°C Viscosity at 20 °C Viscosity at 40 °C  <b>Emulsion</b> Appearance 5% in tap water pH value 5% in tap water Factor refractometer reading  <b>Do not store below 7 °C or above 40 °C</b> 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.	Brownish 1.011 g/cm <sup>3</sup> ~ 204 mm <sup>2</sup> /s ~ 74 mm <sup>2</sup> /s  transparent ~ 9.3 1.1 multiply
---	--

## Transport

ADR/SDR                      No dangerous goods

## Disposal

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

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.