

# STRUB Stabillo Cut FRT-Synt EP

Fully synthetic cooling lubricant



Art.-No. 33114

## Description

STRUB Stabillo Cut FRT-Synt EP is developed with the latest FR (Future Resistant) technology. The selection of synergistically acting additives distinguishes this modern synthetic cooling lubricant with EP properties of the latest generation, which is exceptionally low-foaming (even in demineralized water). Due to the bacterial resistance, which results in an above-average lifetime of the coolant, the known health-endangering biocides can be dispensed with in the fight against microorganisms.

# **Application**

Specially recommended for the machining of easy to difficult to machine materials as well as grinding work such as flat, round, centerless, discus grinding. Can be used in a wide variety of aluminum alloys, cast iron, steel, chrome steel up to titanium.

Preferably, the STRUB Stabillo Grind 11 EP should only be used with distilled water.

# Mixing ratio

Concentration	Refractometer reading	Effective concentration
- Grinding	1.6% - 2.2%	5% bis 7%
- Turning	2.2% - 2.8%	7% bis 9%
- Drilling / Milling	2.2% - 2.8%	7% bis 9%

## Features and advantages

- extremely low foaming even with demineralized water
- no sticking in the machine
- long tool life and good surface quality
- resistant to bacteria no "Monday morning odor
- low consumption and good washability -
- excellent rust protection
- skin friendly
- exceptional demulsifying behavior
- free of formaldehyde and formaldehyde releasers
- free from boric acid
- free from chlorine

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 Solution 5% in dist. water pH value 5% in dist. water Factor refractometer reading clear / yellowish 1.052 g/cm3 transparent / colorless ~ 9.7 3.1

#### 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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