

STRUB Stabillo Cut FRT-Glass

Cooling lubricant for glass processing



Art.-No. 33307

Description

Industry 4.0 is on everyone's lips and digitalization is in full swing. This calls for a digital lubricant, with future-oriented function as a design element. The new series of Strub Stabillo Cut is based on Future Resistant Technology (FRT). The novel technology characterizes this latest generation water-miscible cutting lubricant for tremendous performance.

STRUB Stabillo Cut FRT-Glass proves to have above-average stability and guarantees optimum cooling and lubricating effect due to its excellent wettability. Low foaming behavior, excellent corrosion protection for tool and machine round off the excellent properties. In glass processing, these properties lead to an improvement in quality at the edges, increase productivity and reduce production and maintenance costs.

Application

In glass processing, coolants must meet special requirements and are irreplaceable in the grinding process with diamond tools. Cooling with water or a standard cooling lubricant are not sufficient to meet today's productivity and quality requirements. STRUB Stabillo Cut FRT-Glass can perfectly meet the high quality requirements of the temperature sensitive glass due to the specially selected additives. Typical applications of STRUB Stabillo Cut FRT-Glass are the processing of: Borosilicate and quartz glasses, Ceran and Zerodur, optical glasses, TV screens and automotive mirrors. STRUB Stabillo Cut FRT-Glass has the required properties that optimize the grinding result and increase the efficiency of the processing.

Application areas

- Glass production
- Glass processing
- Flat glass industry
- Optical industry

Mixing ratio

Concentration	Refractometer reading	Effective concentration
- Grinding	Min. 3.4%	Min. 5%

Features and advantages

- high tool and machine life
- good surface quality
- lasting resistance
- high emulsion stability
- low foaming
- excellent corrosion protection
- low consumption and good wash-off behavior
- no residues and sticking
- free of formaldehyde and 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.

Technical data

Appearance concentrate	yellowish
Density at 20°C	1.04 g/cm ³
Appearance emulsion 5% in tap water; 20 °dH	Transparent
pH value 5% in tap water; 20 °dH	~ 9.6
Mineral oil content	6%
Factor Refractometer reading	1.5
<p>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.</p>	

Transport

ADR/SDR

No dangerous goods

Disposal

LVA VeVA / EAK:

Concentrate 12 01 07

Emulsion 12 01 09

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