

STRUB Stabillo Cut FRT-Multi

Semi-synthetic cooling lubricant



Art.-No. 33616

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-Multi 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 workpiece, tool and machine round off the excellent properties of STRUB Stabillo Cut FRT-Multi.

Application

Specially recommended for light to heavy machining and grinding operations.

The product is suitable for multifunctional machining, such as aluminum, cast iron, steel and its alloys, titanium, brass, bronze, duplex, superduplex, Inconel, Hastelloy and many other alloys.

Mixing ratio

Concentration	Refractometer reading	Effective concentration
- Grinding	Min. 4%	Min. 4%
- Turning	4% bis 6%	4% bis 6%
- Drilling / Milling	5% bis 7%	5% bis 7%
- Reaming	6% bis 8%	6% bis 8%
- Thread cutting	7% bis 9%	7% bis 9%
- Sawing	8% bis 10%	8% bis 10%
- Deep hole drilling	9% bis 11%	9% bis 11%

Features and advantages

- universal and multifunctional use
- boron-free
- long tool life and good surface quality
- high emulsion and pH stability
- low foaming
- excellent corrosion protection
- low consumption and good wash-off behavior
- good skin compatibility
- exceptional demulsifying behavior
- no residues and sticking
- high alkali reserve
- extremely resistant
- free of formaldehyde and chlorine

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