

# STRUB Stabillo Cut FRT AI-ES

Semi-synthetic cooling lubricant



Art.-No. 33128

## 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 AI-ES 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 AI-ES.

## Application

Specially recommended for light to heavy machining and grinding operations. The product is suitable for machining aluminum, copper as well as cast iron, steel and their alloys.

## Features and advantages

- universal application
- long tool life and good surface quality
- sustainably resistant
- high emulsion stability
- low foaming
- excellent corrosion protection
- low consumption and good wash-off behavior
- good skin compatibility
- exceptional demulsifying behavior
- no residues and sticking
- free of formaldehyde and chlorine

## Mixing ratio

Concentration	Refractometer reading	Effective concentration
Grinding	Min. 4.0 %	Min. 4.0 %
Turning	5.0 % - 7.0 %	5.0 % - 7.0 %
Drilling / Milling	6.0 % - 9.0 %	6.0 % - 9.0 %
Reaming	7.0 % - 9.0 %	7.0 % - 9.0 %
Thread cutting	8.0 % - 10.0 %	8.0 % - 10.0%
Sawing	9.0 % - 10.0 %	9.0 % - 10.0 %
Deep hole drilling	9.0 % - 10.0 %	9.0 % - 10.0 %

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