

# STRUB Stabillo Cut AF EP SW

High-tech biobalanced, water-miscible, amine- and bactericide-free cooling lubricant for high-performance machining and grinding operations, Soft water (SW)



Art.-No. 33207

## Description

Water-miscible, amine-free cooling lubricant from the latest product line of Strub Swiss Tribology. Suitable for all machining operations, especially with high demands on the lubricating and cooling properties of the cooling lubricant. By using a specially developed biobalanced system, this cooling lubricant works without any added bactericides.

## Application

STRUB Stabillo Cut AF EP SW is a universal product for all metal cutting operations such as grinding, tapping, drilling, turning and milling. STRUB Stabillo Cut AF EP SW is suitable for all metals such as steel, chromium, manganese and high alloy steels as well as for the aluminum 6000-7000 series.

## Features and advantages

- excellent lubricating performance
- skin-friendly due to a balanced pH range - amine-free
- low foaming tendency, even in soft water (0° dH).
- no control with bactericides and fungicides, because protected by a selective bacterial flora
- low consumption, therefore economical
- extended tool life
- free of drilling acid

## Mixing ratio

Concentration	Refractometer reading	Effective concentration
Grinding	Min. 5.6 %	Min. 5.0 %
Turning	5.6 % - 7.8 %	5.0 % - 7.0 %
Drilling / Milling	6.7 % - 8.9 %	6.0 % - 8.0 %
Reaming	6.7 % - 8.9 %	6.0 % - 8.0 %
Thread cutting	6.7 % - 8.9 %	6.0 % - 8.0 %
Sawing	6.7 % - 8.9 %	6.0 % - 8.0 %
Deep hole drilling	8.9 % - 11.1 %	8.0 % - 10.0 %

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