

STRUB Stabillo Cut Challenge

Universal Performance
semi-synthetic, biostatic cooling lubricant

Art.-No. 31358

Description

Water-soluble cooling lubricant with very universal character. In addition to low consumption (re-dosing), STRUB Stabillo Cut Challenge is biostatic, i.e. good microorganism resistance against bacteria and fungi.

STRUB Stabillo Cut Challenge does not stick, has a high rinse-clean effect and can also be re-emulsified with water. The product is free of secondary amines, secondary amine splitter, nitrite, nitrite splitter, organic chlorine compounds, PCB, PCT, PTBB, etc. and complies with TRGS 611.

Application

Universal use such as milling, turning, drilling and sawing on cast iron, various steels and aluminum 6000 and 7000 series. (No staining). Copper corrosion test 40 °C 3 hrs. 1b (pass)

Features and advantages

- high biostability
- low consumption and very good rinsing-cooling effect
- tested rust protection
- low foaming tendency, even in soft water
- top price performance
- skin friendly

Mixing ratio

Concentration	Refractometer reading	Effective concentration
Grinding	Min. 3.0 %	Min. 5.0 %
Turning	3.5 % - 4.7 %	6.0 % - 8.0 %
Drilling / Milling	3.5 % - 4.7 %	6.0 % - 8.0 %
Reaming	4.1 % - 5.3 %	7.0 % - 9.0 %
Thread cutting	4.7 % - 5.9 %	8.0 % - 10.0 %
Sawing	4.7 % - 5.9 %	8.0 % - 10.0 %
Deep hole drilling	5.3 % - 7.1 %	9.0 % - 12.0 %

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