

STRUB Stabillo Cut Extreme EP SW

Universal, biostatic, high-pressure cooling lubricant

Art.-No. 31735

Description

STRUB Stabillo Cut Extreme EP SW is an extreme pressure metalworking fluid. Excellent rinsing-cleaning effect (clean machines) as well as a very good foaming behavior even with soft water, show the strength of this cooling lubricant. Thanks to the fine droplet size, consumption (drag-out losses due to chips, parts and tools) is massively reduced. In addition to the low post-dosing, STRUB Stabillo Cut Extreme EP SW is biostatic, i.e., very good resistance to bacteria and fungi.

Free of secondary amines, formaldehyde or formaldehyde releasers, nitrite, nitrite releasers, PCB, PCT, PTBB, etc. and complies with TRGS 611.

Application

Universal use such as milling, turning, drilling, tapping and sawing on cast iron, various steels and aluminum 6000 and 7000 series. (No staining). Copper corrosion test 40 °C 3h 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
- no staining on aluminum alloys

Mixing ratio

| Concentration | Refractometer reading | Effective concentration |
|--------------------|-----------------------|-------------------------|
| Grinding | Min. 3.4 % | Min. 4.0 % |
| Turning | 3.4 % - 5.0% | 4.0 % - 6.0 % |
| Drilling / Milling | 3.4 % - 5.0 % | 4.0 % - 6.0 % |
| Reaming | 4.2 % - 5.8 % | 5.0 % - 7.0 % |
| Thread cutting | 5.0 % - 6.7 % | 6.0 % - 8.0 % |
| Sawing | 5.0 % - 6.7 % | 6.0 % - 8.0 % |
| Deep hole drilling | 5.8 % - 7.5 % | 7.0 % - 9.0 % |

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