

STRUB Stabillo Cut AF EP

High-tech **biobalanced** water soluble universal metalworking fluid for high performance cutting operations

Article number 30921



Description

Highly additivated, extreme pressure, metal working fluid of the newest generation for heavy duty cutting. The bio-balanced technology is working without any addition of bactericides. It forms a natural flora which is resistant against micro organisms without any addition of biocides.

Applications

Especially designed for aluminium, 6000 – 7000 series. Steel, stainless steel, high tensile steel, chrome, manganese, titanium, and copper (1b at 40°C 3h). It can be used for all metalworking operations like milling, turning, drilling and deep whole drilling.

Features and Benefits

- ✓ Excellent cutting performance
- ✓ Gentle to the skin with a balanced pH range. Amine free
- ✓ Low foaming at normal water hardness
- ✓ Due to a selective bacteria flora, no additional bactericides or fungicides are necessary
- ✓ Low consumption and consequently economical to use

Mixing Ratio

- Grinding	4% to 5%
- Turning,	5% to 7%
- Drilling, milling	6% to 8%
- Reaming	6% to 8%
- Thread cutting-, rolling-, molding	6% to 8%
- Sawing	6% to 8%
- Deep hole drilling	8% to 10%

Technical Data

Appearance Emulsion type 5% in dist. Water pH-5% in dist. Water Density 20°C Refractometer factor Do not store below 7°C or over 40°C Do not expose containers to direct sunlight. If the product is below 7°C or even in the freezing range for a short time, the container should be stored for 3 days at room temperature, after which the concentrate can be stirred vigorously until clear and homogeneous.	g/cm ³ multiply	clear / brownish opaque / milky ~ 9.2 0.995 0.9
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Satisfied customer reports

Machine	Reiden BFR23
Machining	Milling, drilling, thread cutting
Material	GG20, GG25, Alu, Steel
Properties	Good rinse-demulsifying-antifoam- and anti corrosion properties
Water hardness	18° dH
Concentration	5 - 7 % Brix over all
Spindle inside cooling	80 bars

Point

Please don't destroy the bio-flora by mixing with any other coolants

Transport

ADR/SDR: Non hazardous

Disposal

LVA VeVA / EAK: Concentrate 12 01 07
 Emulsion 12 01 09

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