WEDOLiT® FW 3500

Water-soluble, fully synthetic, good material compatibility

WEDOLiT FW 3500 is a high-pressure agent for hydroforming-processes such as internal and external high pressure forming of steel plates, with different surface qualities and thicknesses. The product can also be applied in different grinding and cooling operations.

Approved by “FF Fluid Forming“



Physical Properties Typical Data

Concentrate

Colour	Mineral oil content	Viscosity at 20°C: ASTM D 7042	Density at 20°C: ASTM D 7042	Copper corrosion: DIN 51759-1
Yellow	Free	4.7 mm^2/s	1.05	Not determined*

5% Solution

Colour	pH-value (tap water)	Corrosion protection DIN 51360-2	Refractometer factor (brix)	Conductivity (Deionised water)
Yellowish	9.6	5 % grade 0	2.2	Not determined

Mineral oil	EP-additives	Chlorine	Boron	Amines	FAD
-	-	-	+	+	+

*Discolourations of non-ferrous metals should be examined in preliminary tests

Application Guidelines

The preparation of the solution is carried out by slowly adding the concentrate into water (drinking water quality) under thorough stirring. A more homogenous product is achieved by the use of automatic mixing systems.

Storage must be frost-free between 5 - 40°C.
The minimum durability is 12 months in an original sealed package.

Additional Information

The information herein is given in good faith and believed current as of the date of publication and should apply to the current formula version. Because conditions of use are beyond our control, no guarantee, representation or warranty expressed or implied is made. Consult Master Fluid Solutions for further information. For the most recent version of this document, please go to this URL: https://2trim.us/diw/?plr=FW-3500*en*eu

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Choose WEDOLiT FW 3500:

- Offers very good high-pressure properties
- Contributes to a high tool life
- Very good application stability
- Almost free of foam
- Offers very good skin compatibility

Recommended mixing ratio

- Hydrofroming: from 5 - 10%
- Grinding: from 3 - 6%

Health and Safety

For further information, see the most recent SDS which is available directly from Master Fluid Solutions.

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