

# WEDOLiT FW 3500

*Water-miscible, fully synthetic coolant*



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

Color	Mineral oil content	Viscosity at 68°F: ASTM D 7042	Density at 68°F: ASTM D 7042	Copper corrosion: DIN 51759-1
Yellow	Free	4.7 mm <sup>2</sup> /s	1.05	Not determined*

### 5% Solution

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

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

\*Discolorations 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

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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

- Hydroforming: 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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