

# WEDOLiT® FW 9900

## Water-miscible high performance forming lubricant



WEDOLiT FW 9900 is a water-miscible, ester based forming lubricant (soap) that can be used universally for deep drawing and other forming operations of brass. The concentration depends on the level of difficulty of the forming operation and should be determined in preliminary tests (usually in the range between 10 - 15%). The product can also be used undiluted.



### 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
Dark brown	Free	3300.0 mm <sup>2</sup> /s	1.00	1

#### 5% Solution

Colour	pH-value (tap water)	Corrosion protection DIN 51360-2	Refractometer factor (brix)	Conductivity (Deionised water)
Transparent, orange	9.1	10 % grade 0	1.1	2085 µS/cm

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

### Application Guidelines

The preparation of the product 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.

Recommended mixing ration

Deep drawing, extrusion : 10% and up

### 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-9900\\*en\\*eu](https://2trim.us/diw/?plr=FW-9900*en*eu)

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### Choose WEDOLiT FW 9900:

- Outstanding performance
- Stable load carrying capacity and a homogenous sliding behaviour
- Reduces friction and wear and thus contributes to a high tool life
- Outstanding wetting ability and film formation without adhesion
- Stable cold start behaviour, prevents stick-slip and chatter
- Leads to clean surfaces and contributes to achieve dimensional accuracy
- Easily removable with organic solvents or alkaline industrial cleaners

### Health and Safety

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

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