

# WEDOLiT FW 9200 (c 66)

## Water soluble, especially for drawing brass cases

WEDOLiT FW 9200 is an ester-based, water-miscible forming lubricant, which can be universally applied in forming (especially drawing) processes of brass and non-ferrous metals.

The application concentration depends on the level of difficulty of the forming operations and has to be determined in preliminary tests. Concentrations of 10 - 15% are usually recommended.



### 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 |
|-------|---------------------|--------------------------------|------------------------------|-------------------------------|
| Brown | Free                | 1000.0 cSt                     | 0.98                         | No attack                     |

#### 5% Solution

| Color     | pH-value (tap water) | Corrosion protection DIN 51360-2 | Refractometer factor (brix) | Conductivity (Deionized water) |
|-----------|----------------------|----------------------------------|-----------------------------|--------------------------------|
| Yellowish | 9.5                  | 5 % grade 0                      | 1.0                         | Not determined                 |

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

### Application Guidelines

The preparation of the emulsion 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 41 - 104°F, (5 - 40°C).

The minimum durability is 12 months in an original sealed package.

### Additional Information

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### Choose WEDOLiT FW 9200:

- Can be applied undiluted as a concentrate
- Stable load carrying capacity and a homogenous sliding behavior
- Reduces friction and wear and thus contributes to a high tool life
- Outstanding wetting ability and film formation without adhesion
- Leads to clean surfaces and contributes to achieving dimensional accuracy
- Very good material compatibility
- Easily removable with organic solvents or alkaline industrial cleaners

### Recommended mixing ratio

- Drawing operations: 10 - 15%

### Health and Safety

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

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