WEDOLiT® FW 7840

Emulsion for the whole tube welding line

WEDOLiT FW 7840 is suitable for the manufacturing of welded steel tubes. It fulfils the requirements regarding lubrication and cleanliness of the tubes and rollers as well as the corrosion protection of the tubes and the system (in a concentration from 7%).

The product is approved by Mercedes-Benz Group AG (formerly Daimler AG) (QSO 040305) under the name WEDOLiT K 911.



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
Brown	30 %	186.0 mm^2/s	0.98	Not determined*

5% Solution

Colour	pH-value (tap water)	Corrosion protection DIN 51360-2	Refractometer factor (brix)	Conductivity (Deionised water)
Whitish	9.2	5 % grade 0	1.0	1550 µS/cm

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 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 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-7840*en*eu

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Choose WEDOLiT FW 7840:

- Due to its thermal stability, the product can be used in the whole production line (forming, welding, calibration, sawing)
- Can be centrifuged without loss of active substances
- Removable with organic solvents or alkaline industrial cleaners
- A bright workpiece surface is obtained after annealing

Recommended mixing ratio

- Tube welding: from 7%

Health and Safety

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

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