WEDOLiT® FW 7641

Tube welding solution

WEDOLiT FW 7641 is preferably used for the production of steel tubes on tube welding machines and as a press water additive and is also suitable for galvanised materials.





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
Light yellow	Free	6.2 mm^2/s	0.99	Not determined*

5% Solution

Colour	pH-value (tap water)	Corrosion protection DIN 51360-2	Refractometer factor (brix)	Conductivity (Deionised water)
Clear	9.4	5 % grade 0	2.6	1300 µS/cm

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

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

Application Guidelines

Storage must be frost-free between 5 - 40°C.
The minimum shelf life in the sealed original container is 12 months.

Additional Information

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Choose WEDOLiT FW 7641:

- It fulfils the requirements regarding lubrication and cleanliness of the tubes and rollers
- Due to its thermal stability, the product can be used in the whole production line (forming, welding, calibration, sawing)
- No emulsification of mineral oils and engine lubricants, therefore, the application of an anticorrosion oil is possible (e.g. on the Turk's head of the tube welding engine in the manufacture of profiled tubes)
- Metal abrasion can be removed easily and without clogging the filters
- Tramp oils introduced as leakage oil can be centrifuged without loss of active substances
- Can be easily removed with organic solvents and alkaline cleaners

Health and Safety

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

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