

WEDOLiT® FW 7640

Pipe welding solution

WEDOLiT C 142 is primarily used for manufacturing steel pipes on pipe welding machines and as a press water additive, and is also suitable for galvanized 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	16.1 mm ² /s	1.09	Not determined*

5% Solution

Colour	pH-value (tap water)	Corrosion protection DIN 51360-2	Refractometer factor (brix)	Conductivity (Deionised water)
Transparent	9.4	5 % grade 0	2.2	Not determined

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

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

Application Guidelines

The product must be stored frost-free between 5 and 40°C.

The minimum shelf life in the sealed original container is 12 months.

Additional Information

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Choose WEDOLiT FW 7640:

- The requirements for cleanliness of the rollers and pipes are met
- Due to its temperature stability, it can also be used in the water cooling section for the weld seam, in addition to cooling the electrode or for high-frequency welding of coils and impellers
- The entire pipe welding machine is thus operated with a closed cooling lubrication system without external water supply
- Has no emulsifying effect on mineral oils and machine lubricants
- This makes it possible to use rust protection oil on the turret head of pipe welding machines in the manufacture of profile pipes
- Metal abrasion can be easily removed without clogging the filters. Foreign oils introduced as leak oil can be centrifuged without loss of active ingredients
- 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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