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

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-7640*en*eu

©2026 Master Fluid Solutions™ | 2026-11-02

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 impeders
- 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.

Hasselsstraße 6-14
Düsseldorf, 40597
Germany
+49 211 41 72 82 00

info-eu@masterfluids.com

masterfluids.com/eu/en/