WEDOLiT® AS 1012

Dewatering-fluid 40°C flash point

WEDOLiT AS 1012 is a dewatering fluid with corrosion protection properties. It uses surface-active substances to displace both water and emulsions from the metal surface extremely quick. Even highly complex geometries can efficiently be dewatered. It is mainly used as an immersion bath at room temperature.



Physical Properties Typical Data

Parameter	Typical results	Tested according to
Appearance:	Bright yellow, clear	Visual
Density at 15°C:	0.79 g/cm^3	ASTM D 7042
Viscosity at 20°C:	2.2 mm^2/s	ASTM D 7042
Flash point:	> 40 °C	DIN EN ISO 2719
Film weight:	0.3 g/m^2	Dipping procedure
Film type:	Very slightly oily	Haptical
Dewatering effect:	≤ 5 s	Internal test method
Water separation:	4 min	Internal test method
Humidity test:	10 cycles	DIN EN ISO 6270-2 AHT
Salt spray performance:	< 1 h	DIN EN ISO 9227 NSS

Application Guidelines

Storage must be frost-free between 5 - 35°C.
The minimum durability is 12 months in an original sealed package.

Additional Information

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Choose WEDOLiT AS 1012:

- Due to its strong dewatering effect, residues of flushing water or water containing fluids including emulsions or synthetic coolants are removed from the metal surface
- After evaporation of the solvent, a thin, non-adhesive protective film remains on the surface, which offers corrosion protection for short-term intermediate storage
- Water/emulsions that enter the bath will settle after a short period on the bottom of the tank and can be drained off
- Development of a clear phase boundary between the water and the product, without forming an emulsion phase
- Due to its extreme dewatering properties, the product is ideal for workpieces that are additionally packaged with VCI foils
- Excellent bath-life
- Additive loss due to water contact: None

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/