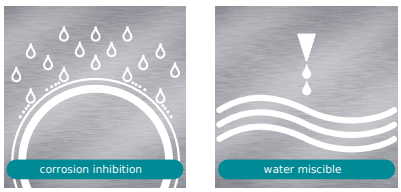
WEDOLiT® K 102

Water-miscible high-performance-fluid

WEDOLiT K 102 is a mildly alkaline, sprayable, mineral oil containing corrosion protection emulsion, free of boron compounds and formaldehyde releasers, suitable for temporary corrosion protection of workpieces made of steel, ferrous and non-ferrous materials.

Approved by Rattunde & Co



Physical Properties Typical Data

Parameter	Typical results			Tested according to
Appearance:	Dark brown, clear-slightly turbid			Visual
Density at 15°C:	0.97 g/cm^3			ASTM D 7042
Viscosity at 40°C:	108.0 mm^2/s			ASTM D 7042
Flash point:	> 100 °C			DIN EN ISO 2719
pH-value [20%; 70°C]:	8.5			DIN EN ISO 10523
Conductivity [20%; 70°C]:	4500 µS/cm			DIN EN 27888
Corrosion protection properties				
Concentration:	10%	20%	100%	
Film weight:	0.8 g/m^2	1.2 g/m^2	5.2 g/m^2	Dipping procedure
Humidity test:	> 1 d	> 2 d	> 4 d	DIN EN ISO 6270-2 AHT
Salt spray performance:	< 1 h	< 1 h	> 1 h	DIN EN ISO 9227 NSS

Application Guidelines

The preparation of the emulsion is carried out by slowly adding the product into drinking water (thorough mixing recommended).

Storage must be frost-free between 10 - 30°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=K-102*en*eu

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Choose WEDOLiT K 102:

- The product forms a stable emulsion, regardless of the concentration
- Due to the electrolyte and temperature stability, an application in a heated bath is possible (recommended temperature 60 - 80°C)
- Even at high temperatures the product is stable against contaminations (e.g. sodium sulfonates or phosphates)
- Easily removable with solvents or alkaline industrial cleaners
- For corrosion protection it´s important that treated parts are completely dry before packaging
- Depending on the concentration, a slightly noticeable film is formed on the metal surface
- Very good compatibility with VCI foils
- Outstanding material compatibility (even at higher concentration)

Health and Safety

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

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