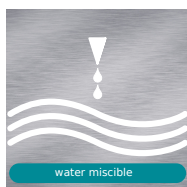


WEDOLiT AW 8321 (K 110)

Water-miscible High-performance Fluid



WEDOLiT AW 8321 is universally applicable for parts cleaning and corrosion protection. This mineral oil based product is not only suitable for steel, but also for non-ferrous metals. Utilising the latest technology, AW 8321 offers the possibility for a boron and formaldehyde free application.



Physical Properties Typical Data

| Parameter | Typical results | | | Tested according to |
|---------------------------------|-----------------------------------|----------|----------|-----------------------|
| Appearance: | Dark brown, clear-slightly turbid | | | Visual |
| Density at 15°C: | 0.91 g/cm³ | | | ASTM D 7042 |
| Viscosity at 40°C: | 44.0 mm²/s | | | ASTM D 7042 |
| Flash point: | > 100 °C | | | DIN EN ISO 2719 |
| pH-value [20%; 70°C]: | 9.8 | | | DIN EN ISO 10523 |
| Conductivity [20%; 70°C]: | 1850 µS/cm | | | DIN EN 27888 |
| Corrosion protection properties | | | | |
| Concentration: | 10% | 20% | 100% | |
| Film weight: | 1.8 g/m² | 4.7 g/m² | 5.2 g/m² | Dipping procedure |
| Humidity test: | > 1 d | > 2 d | > 4 d | DIN EN ISO 6270-2 AHT |
| Salt spray performance: | < 2 h | < 16 h | > 24 h | DIN EN ISO 9227 NSS |

Application Guidelines

The emulsion is prepared by slowly adding the concentrate to tap 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=AW-8321*en*eu

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Choose WEDOLiT AW 8321:

- The product forms a stable emulsion, regardless of the concentration. Due to the electrolyte and temperature stability, an application in heated baths 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 the corrosion protection it's important that treated parts are completely dry before packaging. Dependent on the concentration a minimal to 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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