

# WEDOLiT AS 4116

**High-Protection-DW-Fluid 140°F (60°C) flash point, thin film**



WEDOLiT AS-4116 is a leading edge corrosion inhibitor for steel and other metals, which offers long-term protection for indoor storage. Its low viscosity allows it to be used as an immersion bath, e.g. for the treatment of hollow parts. It can also be applied by spraying, flooding, brushing or rolling.



## Physical Properties Typical Data

| Parameter               | Typical results        | Tested according to   |
|-------------------------|------------------------|-----------------------|
| Appearance:             | Medium-brown, clear    | Visual                |
| Density at 59°F:        | 0.81 g/cm <sup>3</sup> | ASTM D 7042           |
| Viscosity at 68°F:      | 2.3 cSt                | ASTM D 7042           |
| Flash point:            | > 60 °F                | DIN EN ISO 2719       |
| Film weight:            | 0.5 g/m <sup>2</sup>   | Dipping procedure     |
| Film type:              | Microwax               | Haptical              |
| Dewatering effect:      | ≤ 30 s                 | Internal test method  |
| Water separation:       | 4 min                  | Internal test method  |
| Humidity test:          | 90 cycles              | DIN EN ISO 6270-2 AHT |
| Salt spray performance: | 24 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

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=AS-4116\\*en-ap\\*ap](https://2trim.us/diw/?plr=AS-4116*en-ap*ap)

WEDOLiT AS 4116

©2018-2025 Master Fluid Solutions™ | 2025-12-08

## Choose WEDOLiT AS 4116:

- Ideal for overseas transport
- Suitable for VCI-foils: The full corrosion protection is only given in the solvent-free film, therefore a short storage time until the solvent evaporates must be observed especially before packing in boxes with foils
- Stable against acidic and alkaline contamination
- Good material compatibility
- Water displacing with very good wetting behavior
- Easily removable with organic solvents (cold cleaners) or water-miscible alkaline industrial cleaners
- Additive loss due to water contact: Extremely low

## Health and Safety

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

4/F, Block H, No. 200 Jinsu Road Pudong,  
Shanghai

上海市浦东新区金苏路200号H栋4楼,  
201206

China

+86 21 6807-0101, 400-801-3590

[info@masterchemical.com.cn](mailto:info@masterchemical.com.cn)

[masterfluids.com/ap/en-ap/](https://masterfluids.com/ap/en-ap/)

