# WEDOLiT® AE 1030

## *High-Performance-Ester-Fluid*

WEDOLiT AE 1030 is a dewatering fluid based on the latest ester technology that uses surface-active substances to displace both water and emulsions from the metal surface quickly. Even highly complex geometries can be efficiently dewatered. It is mainly used as an immersion bath at room temperature.

**Not subject to the German solvent guideline VOC 31. BImSCHV or to the Swiss regulation concerning the incentive tax on volatile solvents (VOCV). Fulfils all requirements regarding ELV 2000/53/EG.**




## Physical Properties Typical Data

| Parameter | Typical results | Tested according to |
|---|---|---|
| Appearance: | Light yellow, clear | Visual |
| Density at 15°C: | 0.86 g/cm$^3$ | ASTM D 7042 |
| Viscosity at 20°C: | 11.2 mm$^2$/s | ASTM D 7042 |
| Flash point: | > 160 °C | DIN EN ISO 2719 |
| Film weight: | 0.5 g/m$^2$ | Dipping procedure |
| Film type: | Slightly oily | Haptical |
| Dewatering effect: | ≤ 30 s | Internal test method |
| Water separation: | 12 min | Internal test method |
| Humidity test: | 14 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 AE 1030:

- Due to its strong dewatering effect, residues of flushing water or water containing fluids such as emulsions or synthetic coolants are removed from the metal surface
- Water/emulsions that enter the bath will settle on the bottom of the tank after a short period and can be drained off
- Development of a clear phase boundary between the water and the product, without forming an emulsion phase
- 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.

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