WEDOLiT® FN 2451-180

Ester-based forming oil

WEDOLiT FN 2451-180 is a medium viscous, water-insoluble lubricant for wire drawing and other cold forming operations, e.g. deep drawing, extrusion or thread forming, of steel, stainless steel and aluminium. The undiluted product is usually applied by brushes or by means of rollers.



Physical Properties Typical Data

Parameter	Typical results	Tested according to
Appearance:	Yellowish, clear	Visual
Density at 20°C:	0.91 g/cm^3	ASTM D 7042
Viscosity at 40°C:	177.0 mm^2/s	ASTM D 7042
Flash point:	> 150 °C	DIN EN ISO 2719
Copper corrosion:	Not determined*	DIN 51759-1

*Discolourations of non-ferrous metals should be examined in preliminary tests

Application Guidelines

Storage must be frost-free between 5 - 40°C.
The minimum durability is 24 months in an original sealed package.

Additional Information

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Choose WEDOLiT FN 2451-180:

- Stable load carrying capacity and a homogenous sliding behaviour
- Reduces friction and wear and thus contributes to a high tool life
- Outstanding wetting ability and film formation without adhesion
- Stable cold start behaviour, prevents stick-slip and chatter
- Leads to clean surfaces and contributes to achieve dimensional accuracy
- Easily removable with organic solvents or alkaline industrial cleaners

Health and Safety

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

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