WEDOLiT® FS 4311

Evaporating forming oil

WEDOLiT FS 4311 is a low viscous, water-insoluble lubricant for tube drawing and other cold forming processes of steel, aluminium and non-ferrous metals. The undiluted product is usually applied by spraying, flooding, brushes or by means of rollers.



Physical Properties Typical Data

Parameter	Typical results	Tested according to
Appearance:	Transparent	Visual
Density at 20°C:	0.80 g/cm^3	ASTM D 7042
Viscosity at 20°C:	3.8 mm^2/s	ASTM D 7042
Flash point:	> 55 °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 FS 4311:

- Good spreading behaviour, which leads to a uniform wetting of the metal surface
- Stable load carrying capacity and a homogenous sliding behaviour
- Reduces friction and wear and thus contributes to a high tool life
- Leads to clean surfaces and contributes to achieve dimensional accuracy
- If the product is finely dispersed, it evaporates after a short time without leaving any residues. Therefore, an additional cleaning step is not necessary, Otherwise, it is 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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