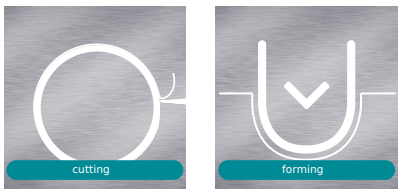
WEDOLiT® FN 6870-170

Conventional Forming Oil

WEDOLiT FN 6870-170 is a medium viscous, water-insoluble lubricant for deep drawing and other cold forming processes of steel (e.g. for auto bodies). Additionally, the product is suitable as a spot lubricant for thread cutting or blind hole drilling. The undiluted product is usually applied by spraying, dipping, brushes or by means of rollers.

The product meets the requirements of the test procedure according to VDA 230-213.



Physical Properties Typical Data

Parameter	Typical results	Tested according to
Appearance:	Brown, clear	Visual
Density at 20°C:	0.94 g/cm^3	ASTM D 7042
Viscosity at 40°C:	175.0 mm^2/s	ASTM D 7042
Flash point:	> 160 °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

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=FN-6870-170*en*eu

©2017-2026 Master Fluid Solutions™ | 2026-11-23

Choose WEDOLiT FN 6870-170:

- 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.

Hasselsstraße 6-14
Düsseldorf, 40597
Germany
+49 211 41 72 82 00

info-eu@masterfluids.com

masterfluids.com/eu/en/