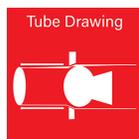
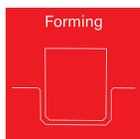


# WEDOLiT FN 8471

## Forming Agent

WEDOLiT FN 8471 is a pigmented, pasty yet flowable, water-insoluble special lubricant for cold forging operations of ferritic and SiCromAl steels. FN 8471 can also be used for dry expansion, preferably as external lubricant, without additional cooling. The lubricant must be applied by hand over the incoming mandrel bar.



## Physical Properties Typical Data

| Parameter          | Typical results        | Tested according to |
|--------------------|------------------------|---------------------|
| Appearance:        | Brown, pasty           | Visual              |
| Density at 20°C:   | 0.00 g/cm <sup>3</sup> | ASTM D 7042         |
| Viscosity at 40°C: | 0.0 mm <sup>2</sup> /s | ASTM D 7042         |
| Flash point:       | Not determined         | DIN EN ISO 2719     |
| Copper corrosion:  |                        | DIN 51759-1         |

## Application Guidelines

Storage must be frost-free between 10 - 40°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=FN-8471\\*en-us\\*na](https://2trim.us/diw/?plr=FN-8471*en-us*na)

WEDOLiT FN 8471  
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## Choose WEDOLiT FN 8471:

- Does not contain any chlorine compounds and is based on a well-adhering, temperature-stable mineral oil
- Special basic pigments are used for the consistency adjustment
- The special granulation size of the pigments allows an almost wear-free surface despite the high load
- The extremely high pressure stability combined with exceptionally good adhesion of the lubricant, even on smooth surfaces, allows processes with large cross-sectional reductions
- When processing Sicromal steels, the lumps must be pre-heated to approx. 200-280°C when entering the pilger machine
- Strong adhesion and the high temperature stability are of particular importance
- Pigments which remain after the annealing on the surface need to be removed before further processing by pickling in HCl or HNO<sup>3</sup>

## Health and Safety

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



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