

# WEDOLiT EP 435 E

## Expander oil

WEDOLiT EP 435 E is a highly viscous, high-performance forming oil based on renewable raw materials. The product has been developed to the highest technical standard for the utilization in the pipe industry (e.g. manufacturing of large diameter pipes, for gas and oil pipelines). The product can be used undiluted and prevents, due to the high content of polar additives, the stick-slip-effect.



### Physical Properties Typical Data

Parameter	Typical results		Tested according to		
Appearance:	Brown, viscous fluid		Visual		
Density at 68°F:	0.98 g/cm <sup>3</sup>		ASTM D 7042		
Viscosity at 104°F:	> 380.0 mm <sup>2</sup> /s		ASTM D 7042		
VKA-value:	> 3000 N (typ. 3400 N)		DIN 51350 T2		
Copper corrosion:	1b		DIN EN ISO 2160		

Mineral oil	Ester	EP-additives	AW-additives	Zn-additives	Chlorine
-	+	+	+	-	-

### Application Guidelines

The product should be stored frost-free, between 50 - 104°F, (10 - 40 °C).  
The minimum durability is 12 months in 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=EP-435-E\\*en-ap\\*ap](https://2trim.us/diw/?plr=EP-435-E*en-ap*ap)

WEDOLiT EP 435 E  
©2016-2026 Master Fluid Solutions™ | 2026-02-04



### Choose WEDOLiT EP 435 E:

- Very high film stability (even under high pressures)
- Good adhesion properties on smooth surfaces, very good wear protection
- Easily removable with water (spontaneous emulsification)
- The emulsion can be used for pre- and post-cleaning of the pipes and the expander head and can be separated into water and oily waste by the utilization of specific additives
- The treated water can be reused for the preparation of a new emulsion (to a certain degree)

### Health and Safety

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