

PRODUCT INFORMATION WEDOLIT EP 435 E

EXPANDER OIL

WEDOLIT EP 435-E is a highly viscous, high-performance forming oil for the pipe industry, which is based on natural esters. It is suitable for the lubrication of sliding surfaces and guideways of mechanical expanders under extreme pressures (manufacture of large diameter steel-pipes, for gas and oil pipelines). The product can be used undiluted and is self-emulsifying. Therefore, it can easily be removed by water. The emulsion can be used for pre- and post-cleaning of the pipes and the expander head.

PROPERTIES

- The emulsion can be treated with suitable additives to be split into water and oily waste. The treated water can be reused to prepare new emulsion
- Very high lubrication properties with a high film stability under load
- Good adhesion, even to smooth surfaces
- Offers a good wear protection
- Prevents stick-slip

TECHNICAL DATA

Parameter:	Typical value:	Tested according to:
Appearance:	Brown, viscous fluid	-
Density at 20°C:	0,98 g/cm ³	ASTM D 7042
Viscosity at 40°C:	460 mm ² /s	ASTM D 7042
Flash Point:	> 100 °C	DIN EN ISO 2592
Copper corrosion (3h, 100°C):	1b	EN ISO 2160
VKA-value:	> 3400 N	DIN 51350 T2



INFORMATION

The product should be stored frost – free, between 10 – 40 °C.
The minimum durability is 12 months in original sealed package.

All provided data can vary within conventional technical tolerances, without affecting the product functionality. In regard to the high diversity of the possible application parameters, all information provided under exclusion of any commitment and liability. More safety and environment relevant data can be found in the latest EU safety datasheet.