WEDOLiT® EP 430-ES

Expander Oil

WEDOLiT EP 430 ES is a high-performance special oil based on mineral oil esters, developed to the highest technical standards for use in the pipe industry. The product emulsifies spontaneously and contains polar additives to prevent stick slip.

WEDOLiT EP 430 ES is used to lubricate sliding surfaces and guideways of mechanical expanders under extremely high surface pressure in the manufacture of large steel pipes, e.g., for gas and oil pipelines. WEDOLIT EP 430 ES is used undiluted for the forming process. The emulsion can be used for pre- and post-cleaning of the pipes and for cleaning the expander head and can be separated into split water and oily waste with suitable additives. The split water could be reused to prepare the emulsion.



Physical Properties Typical Data

Parameter	Typical results	Tested according to
Appearance:	Brown, viscous	Visual
Density at 20°C:	0.95 g/cm^3	ASTM D 7042
Viscosity at 40°C:	> 440.0 mm^2/s	ASTM D 7042
4-ball test:	> 3200 N (typ. 3200 N)	DIN 51350 T2
Copper corrosion:	Not Determined	DIN EN ISO 2160

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

Application Guidelines

The product must be stored frost-free between 5-40 °C.

The minimum shelf life in the sealed original container is 12 months.

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-430-ES*en*eu

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Choose WEDOLiT EP 430-ES:

- Very high lubricating film stability under pressure loads
- Good adhesion to smooth surfaces, good wear protection
- Prevents stick slip
- Stable emulsion, easily separable

Health and Safety

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

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