

WEDOLiT® EP 1090-E



High performance expander oil

WEDOLiT EP 1090-E is a highly viscous, high-performance, mineral-oil-based forming oil. The product has been developed to the highest technical standard for utilisation in the pipe industry (e.g. manufacturing of large diameter pipes, for gas and oil pipelines). The product can be used undiluted and prevents the stick-slip- effect due to the high content of polar additives.



Physical Properties Typical Data

| Parameter | Typical results | Tested according to |
|--------------------|----------------------------|---------------------|
| Appearance: | Brown, viscous | Visual |
| Density at 20°C: | 0.98 g/cm ³ | ASTM D 7042 |
| Viscosity at 40°C: | > 380.0 mm ² /s | ASTM D 7042 |
| 4-ball test: | > 8500 N (typ. 9000 N) | DIN 51350 T2 |
| Copper corrosion: | 1a | DIN EN ISO 2160 |

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

Application Guidelines

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

Additional Information

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https://2trim.us/diw/?plr=EP-1090-E*en*eu

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Choose WEDOLiT EP 1090-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 easily 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.

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