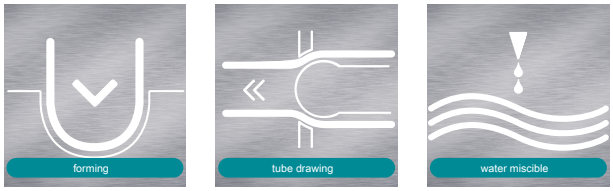
WEDOLiT FW 1960

Soap for tube drawing operations

WEDOLiT FW 1960 is a water-soluble alkaline soap for heavy drawing operations of steel tubes. The product is usually used as an immersion bath (bath temperature 167 - 194 °F, (75 – 90 °C)).



Physical Properties Typical Data

Parameter	Typical results
Operating concentration	5 - 10 %
Operating temperature	75 - 90 °F
Retention time in soap bath	5 - 10 min
Drawing velocity	Max. 100 m/min
Concentration (grease in piston)	6 - 7 % grease
Concentration (alkalinity in methanol)	0 - 2 ml

Application Guidelines

Storage must be frost-free between 41 - 104 °F, (5 - 40 °C).
The minimum durability is 12 months in an original sealed package.

Additional Information

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https://2trim.us/diw/?plr=FW-1960*en-ap*ap

Choose WEDOLiT FW 1960:

- The product is designed to react with the zinc phosphate layer (which acts as lubricant) to form a zinc soap. The zinc phosphate layer should be at least 4 µm (at heavy forming operations, e.g. cold extrusion, up to 10 µm). Due to specific additives, a maximum conversion of zinc phosphate and the drawing media occurs, which results in an optimal performance regarding degree and rate of deformation
- Can be used in very low concentrations of 5 - 10% as an aqueous solution (tube drawing). The best results are obtained with water free media
- Offers (in combination with a zinc phosphate layer) very high cross-sectional reduction and high drawing velocities – up to 100 m/min (steel tubes with standard cross-sectional reduction)

Health and Safety

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

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