# 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**

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#### **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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#### **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  $\mu$ m (at heavy forming operations, e.g. cold extrusion, up to 10  $\mu$ m). 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 crosssectional 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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