



# TECHNICAL DATA SHEET

## GRODAL NOX

### WATER SOLUBLE LUBRICATING COMPOUND FOR DEEP DRAWINGS

#### DESCRIPTION

Grodal Nox is water soluble paste. Grodal Nox dissolved in water at rates ranging from 10 to 50%, allows to carry out severe drawing operations with stainless steel and alloyed steel. To emulsify the compound, it is advisable to use lukewarm water and if possible of a total hardness lower than 450mg/l expressed as  $\text{CaCO}_3$ .

#### APPLICATION

Grodal NOX is used for deep drawings of stainless steel and alloyed steels. This product is usually applied with a brush. It contains a solid lubricant that may decant when the compound is dissolved in water. This is why it is not recommended for use with sprayguns.

#### BENEFITS

- It is an economical product.
- Affords excellent protection of dies and punches against wear.
- It is a versatile product, the rates of which can be adjusted in accordance with the drawing difficulties likely to be encountered.
- Can be easily removed by means of cleaning and washing systems.
- Extraordinary film resistance. It allows to carry out difficult drawings. It does not attack the bronze elements of dies and punches.

#### TYPICAL TECHNICAL DATA

Colour & Appearance : Creamy white paste  
pH of working solution : 8.5 - 9.7

#### ADVICE

Store the product between 10 to 45°C.

#### SAFETY

This oil is unlikely to present any significant health or safety hazard when properly used in the recommended application as well as good standards of industrial and personal hygiene is maintained.

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Supersedes all earlier