



# TECHNICAL DATA SHEET

## GRODAL STEEL NOX

WATER SOLUBLE LUBRICATING COMPOUND FOR FERROUS METAL WIRE DRAWING

### DESCRIPTION

**GRODAL STEEL NOX** is water soluble paste based on fatty compound with anti corrosion properties. It contains high EP additive which provides uniform draw of MS wire. **GRODAL STEEL NOX** dissolved in water at rates ranging from 4 to 10% to carry out severe wire drawing operations. 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 STEEL NOX** is mainly used for drawing of **steel wires**. This product can also be used for wet drawing of iron and galvanized steel wires. It is also used for staple wire and copper plated wire.

### BENEFITS

- Provides excellent protection of dies and punches against corrosion.
- 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.
- Extra ordinary film resistance. It allows to carry out difficult drawings. It does not attack the bronze element of dies and punches.

### TYPICAL TECHNICAL DATA

Colour & Appearance : Creamy white paste  
pH of 5% emulsion : 8.5 - 10  
Appearance of 5% emulsion : Milky white

### ADVICE

Store the product between 10 to 40°C. Always add paste into water and not vice versa.

### 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.

Issued on : 13.08.2012

Supersedes all earlier