



# TECHNICAL DATA SHEET

## GRODAL DE 140

### DRAWING LUBRICANTS

#### DESCRIPTION

Grodal DE 140 is a mineral oil based lubricant intended for the drawing, deep drawing, cutting and threading operations. It contains high EP additives. This product can be used for ferrous and non ferrous metals. It protects the equipment against wear and corrosion very effectively and it can be easily removed by solvents and alkaline detergent in the hot.

#### APPLICATION

Grodal DE 140 is recommended for ferrous and non ferrous metals. It is suitable for all types of metal cutting operations and is suitable for all application devices such as spraying or rolling.

#### BENEFITS

- High oxidation stability.
- High drawing efficiency with good antiwear properties.
- It provides excellent lubricity
- Excellent wear protection.
- No corrosion.
- Good surface finish.

#### TYPICAL TECHNICAL DATA

Colour & Appearance	:	Brown Clear Liquid
Sp. Gravity @ 30°C	:	0.90
Flash Point COC °C	:	> 200 °C
Viscosity @ 40°C	:	140 cSt.
Copper strip corrosion	:	1a

#### ADVICES

Grodal DE 140 has to be stored at temperature between 0 °C and +40 °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.

Issued on : 05.01.2012

Supersedes all earlier

GRAUER & WEIL (INDIA) LTD. (Lube Division)

Registered Office : 'Growel House', Akurli Road, Kandivli (E), Mumbai - 400 101, India

Tel. : 91 - 22 - 66993000 , Fax : 91 - 22 - 669930101/11,

E-mail : lubricants@growel.com, Website : www.growel.com