



# TECHNICAL DATA SHEET

## GRODAL DE 40

**Neat Cutting oil – Heavy Duty Drawing/stamping**

### DESCRIPTION

**Grodal DE 40** is a special type of synthetic product based on natural ester with chlorinated fatty ester which gives excellent lubricity & active sulphur which gives load carrying extreme pressure properties & additional film strength

### APPLICATION

**Grodal DE 40** is a premier quality, medium viscosity especially formulated for heavy duty stamping/drawing operations. It exhibits very good wetting & cooling properties & assures excellent die life as well as improved surface finishes due to its excellent load carrying characteristic.

### BENEFITS

- | Very good EP performance.
- | High stamping efficiency with good lubricity properties.
- | Handles most of the ferrous metals
- | Excellent metal wetting ability
- | Anti weld agent.
- | Good surface finish & provides good cooling.

### TYPICAL TECHNICAL DATA

Colour & Appearance	:	Yellow Brown Liquid
Sp.Gravity @ 30°C	:	0.956
Flash Point COC °C	:	> 180 °C
Viscosity @ 40 °C	:	42 cSt.
Sulphur	:	Present
Ester	:	Present
Chlorine	:	Present
Copper Corrosion	:	4C

### ADVICES

**Grodal DE 40** has to be stored at temperature between 0°C & +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.

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Supersedes all earlier

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