



# TECHNICAL DATA SHEET

## GRODAL CIRCULATING 100 CIRCULATING OIL

### DESCRIPTION

Grodal circulating 100 oil is designed to give extended service life, Grodal circulating 100 oil is applied in a broad range of system that are operated under high impact and high shock.

Grodal circulating 100 oil is formulated to address environmental concerns; Grodal circulating 100 oil is free of zinc and does not contain phenol.

Grodal circulating 100 is formulated with highest quality petroleum base oil and which is selected for both their natural stability and for compatibility with high performance components. Exceptional rust and oxidation resistance are results of unique formulation of selected base oil and additives.

### APPLICATION

Grodal circulating 100 is useful where circulating oil must have characteristics of a high viscosity index.

Grodal circulating 100 oil is generally for use in lubricating oil circulating system that is well engineered and is protected from leakage or contamination which would require frequent oil replacement.

Hydraulic systems of all types, including hydraulic motors, pumps and multi service system, also lubrication of bearings, spindles, gears and non critical ways.

### BENEFITS

Essential to long, safe service life for both the oil and expensive machines are therecharacteristic of Grodal circulating 100 oil.

- Resistance to oxidation and the formation of deposits.
- Protection against wear.
- Fast separation from water.
- Protection against rust and corrosion.
- Compatability with seal material leakage.
- Environmentally friendly (no zinc, phenol)

### TYPICAL TECHNICAL DATA

Colour & Appearance	:	brown liquid
Sp.Gravity @ 30°C	:	0.88
Flash Point	:	210 °C
Viscosity @40 °C	:	100 CST
Viscosity index	:	96
Pour point	:	- 6
Foam test	:	passes
Demulsibility	:	passes
Copper corrosion	:	1a
Rust test	:	passes

### RECOMMENDATIONS

Store in a cool dry, well ventilated area out of direct sunlight. Avoid Sparks, flames and other ignition sources. Store away from incompatible materials such as material that support combustion.

### 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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