



TECHNICAL DATA SHEET

GRODAL CUTSOL D

Multipurpose Metalworking Fluid

DESCRIPTION

Grodal Cutsol D is a water soluble cutting fluid with excellent corrosion resistant property which is designed for cutting and grinding operations

. When it mixed with the water it forms milky white emulsion. Grodal Cutsol D is formulated with the high quality mineral oil and high levels of lubricity additives to provide excellent performance in arduous operations.

APPLICATION

Grodal Cutsol D is suitable for processing steel, cast iron, gray cast iron, Aluminium and non ferrous heavy metals. Grodal Cutsol D is recommended for most metal cutting and grinding operations where high quality coolant is required.

BENEFITS

- Excellent performance in high speed processing
- Outstanding machining performance on aluminium, non-ferrous metals and ferrous metals.
- Excellent anti rust property and protects machine & work pieces from rusting.
- Contributes for effective operation and protection of the earth environment.
- Safe to use and disposal is easier.
- Excellent cooling performance.

TECHNICAL DATA

Colour and Appearance	:	brown liquid
Sp. Gravity @ 30 °C	:	0.91
Appearance of 5 % emulsion	:	Milky white emulsion
PH of 5 % emulsion	:	9 - 10
Foaming test	:	passes
Corrosion Test	:	Passes

RECOMMENDATIONS

Grodal Cutsol D is designed for machining and grinding of ferrous and non ferrous metals, specially cast iron and its alloys.

Grinding: from 2% to 5% Machining: from 3% to 10%

Working concentration depends on Severity of the operation: harder materials or heavy-duty operations will require a higher concentration in order to improve the lubricity. Concentration must be kept lower than 10%. Be careful of controlling the concentration of Grodal Cutsol D. Since rust preventive ability decrease according to the concentration of Grodal Cutsol D.

(Conversion factor for Refract meter)

Concentration (volume %) = Reading of Refract meter X 1

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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