



# TECHNICAL DATA SHEET

## GRODAL SYNCUT 2 SYNTHETIC COOLANT

### DESCRIPTION

Grodal Syncut 2 is a synthetic coolant which is developed for use as a grinding and heavy duty machining fluid for ferrous metals. This product is replacement for neat cutting oils in application such as gun drilling, gear hobbing and broaching.

### APPLICATION

Grodal Syncut 2 is used for grinding cast - iron and steel. it is recommended for honing, milling, turning, boring, drilling, tapping, gear hobbing and broaching on all ferrous alloys.

### BENEFITS

- Excellent Rust/corrosion protection.
- Provides superior machining on difficult alloys such as inconel and titanium.
- Chlorine and phenol free.
- Longer sump life.

### TECHNICAL DATA

Appearance	:	Green Liquid
Sp. Gravity @30°C	:	1.07 – 1.17
pH (Neat)	:	8 - 10
Solution in 2 % water	:	Green

### RECOMMENDATIONS

Grinding	:	4 - 6%
General machining	:	4 - 10 %
Broaching	:	10 - 15%

The concentration of Grodal Syncut 2 solution can easily checked by using refractometer. Maintain concentration and avoid contact with strong oxidizers.

### 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 : 15.12.2011*

*Supersedes all earlier*