



TECHNICAL DATA SHEET

GRODAL SYNCUT NF **SYNTHETIC COOLANT – NITRITE FREE**

DESCRIPTION

GRODAL SYNCUT NF is a fully synthetic, high quality coolant free from chlorine, nitrite, secondary amines which has been specially developed for surface & cylindrical grinding of ferrous & non ferrous metals. It forms a clear, stable fluorescent green solution in both hard and soft waters. GRODAL SYNCUT NF exhibits good anti-corrosion properties coupled with a high resistance to bacterial attack.

APPLICATION

GRODAL SYNCUT NF is a fully synthetic water extendible solution recommended for surface and cylindrical grinding of ferrous & non ferrous materials.

BENEFITS

- Low foaming & excellent rust/corrosion protection
- Rapid settlement of metallic fines.
- High bio stability & excellent visibility of the work piece
- Chlorine, Nitrite & phenol free.
- Operator friendly.

TYPICAL TECHNICAL DATA

Appearance	:	Orange Liquid
Sp. Gravity @30°C	:	1.01 – 1.08
pH (Neat)	:	8 - 10
Solution in 5 % water	:	Fluorescent green
pH (5% solution in water)	:	9.50
Cast Iron Corrosion Test	:	Pass
Refractometer factor	:	4.0

RECOMMENDATIONS

The concentration varies depending on the type of machining operation, the water hardness, and the required corrosion protection. The typical recommended concentration for use is:

Grinding : 3 – 5 % The concentration of **GRODAL SYNCUT NF** 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.

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Supersedes all earlier

GRAUER & WEIL (INDIA) LIMITED

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