



G-25J Synthetic Grinding Fluid

DESCRIPTION

G-25J Synthetic Grinding Fluid is a superior general-purpose synthetic metalworking fluid formulated specifically for surface grinding, especially Blanchard grinding. Transparent solution provides rapid fines settling and good visibility while keeping wheels clean and offering dry-film corrosion protection for work pieces and machines.



FEATURES

- Non-foaming, biodegradable grinding fluid
- Allows for rapid settling of residues which eliminates build up
- Ideal for use in machines with magnetic brass rings
- Dry-film rust protection

APPLICATIONS

- General-purpose grinding
- Surface and Blanchard grinding

MATERIALS COMPATIBILITY

- Ferrous Metals
- Titanium
- Brass, Bronze, and Copper.
- Not recommended for Aluminum.

DIRECTIONS

FOR PRODUCT/APPLICATOR TROUBLE SHOOTING: Use a refractometer to measure coolant concentration. Use Triadine 20 or Grotan for microbial control in sump tanks. Call Technical Sales for detailed questions pertaining to the products

PROPERTIES

Appearance / Physical State	Liquid.
Color	Dark green.
Odor	Mild.
pH Value	9.8 @ 10%
Melting / Freezing Point	Not available.
Boiling Point / Range	> 212 °F (> 100 °C)
Flash Point	> 199.4 °F (> 93.0 °C)
Vapor Density	> 1
Water Solubility	Soluble.
Specific Gravity	1.08
Active sulfur content	None
Total chlorine	None
Density	9.0 lbs/gal (1077 kg/m ³)
Dilution Ratio	Cast iron grinding: 1 part to 25 parts water; Steel Grinding: 1 part to 25 parts water
Refractometer Readings	10:1 = 3.6 20:1 = 1.8 30:1 = 1.2

SHELF LIFE INFORMATION

1 year

AVAILABLE PRODUCTS

Part No.	Net Contents	Container Type	Units/Case	Approximate Case Weight
75012	1 gal	jug	4	37 lbs
75052	5 gal	pail	1	47 lbs
75552	55 gal	drum	1	531 lbs



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