



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

- Recommended for ferrous metals, brass, bronze, and copper
- Limited use for aluminum
- Not recommended for titanium

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

AVAILABLE PRODUCTS

Part No.	Net Contents	Container Type	Units/Case	Case Weight
75012	1 gallon	Jug	4	37 lbs.
75052	5 gallons	Pail	1	47 lbs.
75552	55 gallons	Drum	1	531 lbs.

PROPERTIES

Appearance	Dark Green
Specific gravity	1.08
Vapor Density	> 1
pH at 10%	9.8
Flash Point	>200oF (93oC)
Boiling Point	212oF (100oC)
Active sulfur content	None
Total chlorine	None
Density	9.0 lbs/gal (1077 kg/m ³)
Dilution Ratios	Cast iron grinding: 20:1; Steel Grinding: 30:1
Water Solubility	Soluble in water
Refractometer Readings	10:1 = 3.6
	20:1 = 1.8
	30:1 = 1.2
Shelf Life	1 year

SHELF LIFE INFORMATION

1 year



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