



TECHNICAL DATA SHEET

G-25J

Synthetic Grinding Metalworking Fluid Concentrate

DESCRIPTION

G-25J 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.

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

PHYSICAL PROPERTIES

<i>Concentrate Color</i>	Dark green
<i>Dilute Color</i>	Yellow/green
<i>pH at 10%</i>	9.8
<i>Specific Gravity</i>	1.08
<i>Density</i>	9.0 lbs/gal (1077 kg/m ³)
<i>Flash Point</i>	> 200°F (93°C)
<i>Boiling Point</i>	212°F (100°C)
<i>Chlorine</i>	None
<i>Mineral Oil</i>	0%
<i>Refractometer Readings</i>	10:1 = 3.6 20:1 = 1.8 30:1 = 1.2

DILUTION RATIOS

- Cast iron grinding.....20:1
- Steel grinding.....30:1

AVAILABLE IN

5 gal.....	75052
55 gal.....	75552

HEALTH AND SAFETY

Refer to SDS (Safety Data Sheet) for complete information on health and safety on our web site at www.itwprofessionalbrands.com.

For additional information please contact our Customer Service Department at 800-241-8334.