



TECHNICAL DATA SHEET

G-1066L

Synthetic Grinding Metalworking Fluid Concentrate

DESCRIPTION

G-1066L is a premium synthetic metalworking fluid formulated specifically for diamond wheel grinding and is compatible with bronze matrix grinding wheels. It provides outstanding cooling, rapid fines settling, and exceptional wetting with dry-film corrosion protection for work pieces and machines. Transparent solution keeps wheels free and gives great visibility.

APPLICATIONS

- Diamond wheel grinding
- Cutting, slice-off sawing

MATERIALS COMPATIBILITY

- Recommended for ferrous metals, brass, bronze, and copper
- Will not stain white ceramics
- Limited use for aluminum
- Not recommended for titanium

PHYSICAL PROPERTIES

<i>Concentrate Color</i>	Yellow/orange
<i>Dilute Color</i>	Clear
<i>pH at 10%</i>	9.3
<i>Specific Gravity</i>	1.06
<i>Density</i>	8.8 lbs/gal (1053 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 = 3.5 20:1 = 1.8 30:1 = 1.2

DILUTION RATIOS

- Grinding, slicing, dicing.....15:1 – 30:1
- Drilling, sawing.....5:1 – 20:1

AVAILABLE IN

5 gal.....	RL009
55 gal.....	RL010

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.