



# 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 <sup>3</sup> )
<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 MSDS (Material Safety Data Sheet) for complete information on health and safety on our web site at [www.rocolnorthamerica.com](http://www.rocolnorthamerica.com).

For additional information please contact our Customer Service Department at 800-452-5823 ext. 2.