



TECHNICAL DATA SHEET

Carbide PowerGrind

Synthetic Carbide Grinding Metalworking Fluid Concentrate

DESCRIPTION

Carbide PowerGrind is a premium synthetic metalworking fluid designed for carbide grinding. It prevents carbide damage and minimizes cobalt leaching. Transparent solution provides excellent lubricity and keeps wheels clean while providing dry-film corrosion protection for work pieces and machines.

APPLICATIONS

- Carbide grinding

MATERIALS COMPATIBILITY

- Recommended for carbide
- Limited corrosion protection for ferrous metals

PHYSICAL PROPERTIES

<i>Concentrate Color</i>	Opaque green
<i>Dilute Color</i>	Clear green
<i>pH at 10%</i>	10.2
<i>Specific Gravity</i>	1.04
<i>Density</i>	8.7 lbs/gal (1041 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 = 3.3
	20:1 = 1.7
	30:1 = 1.1

DILUTION RATIOS

- Carbide grinding 10:1 – 20:1

AVAILABLE IN

5 gal.....	74052
55 gal.....	74552

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.