



CARBIDE POWERGRIND

Synthetic Grinding Fluid

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.



FEATURES

- Recommended for machining tungsten carbide
- Contains inhibitors to prevent cobalt leaching from all grades of carbide
- Highly biostable and resistant to bacteria and fungus growth

APPLICATIONS

- Diamond wheel grinding

MATERIALS COMPATIBILITY

- Ferrous Metals
- Brass, Bronze, and Copper.
- Limited use on Stainless Steel.
- Limited use on Titanium.
- Not recommended for Cast Iron.
- Not recommended for Aluminum.

DIRECTIONS

PRODUCT/APPLICATOR TROUBLESHOOTING: 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

PROPERTIES

Appearance / Physical State	Opaque Green
Specific Gravity	1.04
Vapor Density	> 1
pH Value	10.2
Flash Point	>200°F
Boiling Point / Range	212°F
Active sulfur content	None
Total chlorine	None
Density	8.7 lbs/gal
Dilution Ratio	10:1 to 30:1
Water Solubility	Soluble in water
Refractometer Readings	10:1 = 3.3 20:1 = 1.7 30:1 = 1.1

SHELF LIFE INFORMATION

1 year

AVAILABLE PRODUCTS

Part No.	Net Contents	Container Type	Units/Case	Approximate Case Weight
74052	5 gal	pail	1	47 lbs
74552	55 gal	drum	1	506 lbs



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