



Innovation in Metalworking Fluids



Grind Rite 1000 Grind Rite Carbide

Light duty grinding fluids

Description

Grind Rite grinding fluids were designed for general purpose grinding applications. These fluids are both full synthetic products with an emphasis on corrosion control. While Grind 1000 is your go-to product for most metals, Grind Rite Carbide was developed specifically for high speed grinding of tungsten carbide and stellite metals.

Applications

Both Grind Rite 1000 and Grind Rite Carbide are designed for general purpose grinding applications, including, but not limited to, the following:

- Surface grinding
- Centerless grinding
- Inner diameter grinding
- Outer diameter grinding
- Blanchard

*Although both products can be used in similar applications, remember to choose Grind Rite Carbide if you are grinding tungsten carbide and stellite metals.

Performance Features and Benefits

- Ultra-low foam making each product ideal for high pressure and high speed operations
- Excellent corrosion protection, protecting the freshly machined surface
- Oil free allowing for extended sump life with no sticky/oily residues and outstanding tramp oil rejection

Typical Properties

<i>Property</i>	Grind Rite 1000	Grind Rite Carbide
<i>Concentrate Appearance</i>	Clear blue liquid	Clear amber liquid
<i>Odor</i>	Mild amine	Mild amine
<i>Specific Gravity</i>	1.04	1.04
<i>Bulk Density</i>	8.7	8.7
<i>pH 1% solution</i>	9.5	9.5

Directions for Use

Both Grind Rite fluids are recommended to be used at 2 – 10% dilution. Actual dilution should be dialed in to the specific operation and metal in each individual case. Removal of tramp oil is recommended, and concentration should be controlled with the aid of a refractometer.

Consult product SDS for complete product safety information.