

Twin Grind 110

WATER-SOLUBLE SYNTHETIC GRINDING FLUID

TWIN GRIND 110

Twin Grind 110 is a premium-quality water-based synthetic grinding fluid that is formulated to deliver maximum cooling performance, help maintain clean grinding wheels and belts, provide excellent corrosion protection and eliminate bacterial and fungal growth. It is a biodegradable and environmentally responsible alternative.

Twin Grind 110 is highly recommended for all types of grinding operations, including cylindrical, surface, ID, OD, and Blanchard. It is compatible with all types of ferrous metals, titanium alloys and carbide tooling, in addition to glass and silicon.

Twin Grind 110 can also be used as a rust inhibiting dip for temporary in-process protection of cast iron and steel parts. It contains no phenols, sulfur, chlorine, or oils. Solutions are green in color for ease of recognition and are clean, long-lasting, and economical.

RECOMMENDED CONCENTRATIONS

Surface Grinding	3 - 4%
Surface Grinding (Cast Iron)	3 - 5%
Cylindrical, O.D., I.D., Centerless Grinding	3 - 5%

TYPICAL PHYSICAL PROPERTIES

Appearance	Clear Green Liquid
Odor	None
Bulk Density	8.78 lbs/gal
Viscosity @ 100°F	31 SUS
Flash Point	None
pH, Fresh 5% Mix	9.5

FEATURES AND BENEFITS

- Totally synthetic, no mineral oils
- Outstanding rust protection
- No foaming
- Transparent - operators can see their work
- Excellent cooling properties
- Keeps grinding wheel clean
- Fast setting of grinding particles
- Excellent rancidity resistance
- Excellent finishes
- Environmentally responsible - biodegradable
- Nitrite-Free
- Long-lasting solution
- Reduces coolant mists
- All-metal compatibility



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