



OUR BUSINESS IS HEAVY DUTY LUBRICANTS

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PRODUCT SPECIFICATIONS & TECHNICAL DATA

WATER SOLUBLE CUTTING AND GRINDING FLUID / OIL

PETROFLO #1 WATER SOLUBLE CUTTING OIL is a soluble oil concentrate and was designed to be extended with water for the machining and grinding of virtually all metals except magnesium.

APPLICATION:

- Heavy-duty operations
- General Metalworking and CNC machining, milling, drilling, turning, broaching, tapping and grinding.
- Suitable for light-duty stamping operations.

FEATURES ADVANTAGES BENEFITS

- Operator Friendly • Sulfur and Chlorine Free • Mild Odor
- Low Foaming • Excellent Hard Water Stability • Clean Running
- Excellent Corrosion Inhibition • Provides Excellent Finish

Recommended Dilution Ratios:

Milling, tapping, threading, turning, sawing, drilling, broaching	5:1 – 30:1
General, form, and centerless grinding	20:1 – 30:1

TYPICAL PROPERTIES

- Appearance - concentrate Milky
- Appearance - dilution Opaque White / Milky
- Odor-Bland
- Residual Film Soft, Fluid
- Specific Gravity @ 60°F 0.917 ± 0.01
- API Gravity 23.5
- Lbs/Gallon 7.55 ± 0.1
- Flash Point - 353°F/177°C

The above analyses are typical inspections only and the finished product may vary from batch to batch.