COOLCUT 100T

Product Description: **COOLCUT 100T** is a water soluble cutting and grinding fluid formulated for a wide range of machining operations on both ferrous and non-ferrous metals. With its advanced emulsifier technology, it mixes readily with water to form an extremely stable emulsion with excellent surface wetting characteristics and virtually no foam. COOLCUT 100T has exceptional lubricity and extreme pressure properties that give outstanding surface finishes as well as longer tool life compared to conventional heavy duty soluble oils. It has excellent bio-resistance which allows for long term service without rancidity. It contains an effective biocide that controls bacteria and fungi growth without being irritating to machine operator's skin.

COOLCUT 100T forms an opaque, light blue emulsion with a mild, pleasant odor. It provides excellent rust and corrosion protection and leaves no deposits or build-up on the machine or finished parts.

Features:

- Multi-metal, multi-operation applications
- Stable emulsion
- Excellent surface wetting
- Exceptional lubricity and EP characteristics
- Outstanding rust and corrosion protection
- Excellent bio-resistance for long term service
- Low foam even at 15:1 dilution
- Mild, pleasant odor
- No build-up or deposits on machine or parts
- Not irritating to operator's skin
- Dyed Green

Typical Uses:

Coolcut 100T may be used for grinding and machining of both ferrous and non-ferrous metals at the following ratios:

Surface & O.D. Grinding	50:1
Centerless Grinding	20:1- 30:1
Light Duty Machining	30:1
Moderate Duty Machining	20:1
Severe Duty Machining	15:1

NOTE: NEVER USE SOLUBLE OIL EMULSIONS FOR MACHINING MAGNESIUM.

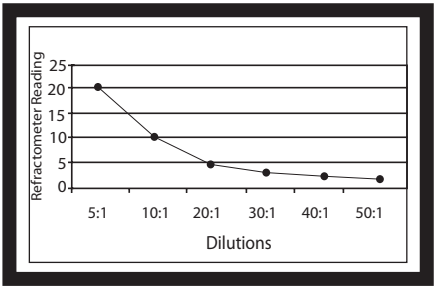
HOT MAGNESIUM AND WATER ARE A FIRE HAZARD!

ALWAYS MIX BY ADDING NEAT COOLCUT 100T TO WATER IN TANK OR COOLANT RESERVOIR.

REMEMBER: WATER FIRST, THEN COOLCUT 100T

Typical Specifications:

PARAMETERS	TYPICAL RESULTS
Gravity API	13.3
Viscosity: cST @ 40° C	71.7
Appearance	Bright/Clear
Color	Green
Order	Pleasant/Mild
Rust Test (ASTM D665A)	Pass
Foam Test	Pass
Emulsion (10:1)	Excellent
Emulsion Stability	Pass
Sulfur, %WT.	1.1
Chlorine, %WT.	7.0
pH, 5% in DI Water	9.0



VALUES SHOWN HERE ARE TYPICAL AND MAY VARY