



Premium Extreme Duty Multi-metal Cutting and Grinding Fluid

Performance Benefits

- Operator friendly- this product has virtually no odor in use and is very mild to the skin
- Multi-metal capable
- Unsurpassed tool life and surface finishes
- Excellent corrosion control for ferrous metals and machine tools
- Residue free parts and machine tools
- Extremely low foaming, even in high pressure application and in soft water
- Hard water stability up to 35 grains

XTREME CUT 270 is an ultra high performance cutting and grinding fluid designed for rigorous ferrous and non-ferrous machining and grinding applications. The product contains significant levels of extreme pressure and polar additives for operations that require multi-dimensional lubrication needs. Extreme machining performance is achieved through the use of unique sulfur additive chemistry. XTREME CUT 270 will provide the performance level of heavy-duty soluble oils without unpleasant odors or high usage rates. This unique product combines new proprietary lubricant additives along with extreme pressure additives to give the best surface finishes and tool life of any water based metalworking fluid on the market. XTREME CUT 270 has excellent bioresistance resulting in long fluid life in central systems and individual sumps. It has a tight, stable emulsion that rejects tramp oil easily and also has superb product stability even in hard water.

Typical Characteristics

Appearance of concentrate.....	Clear, amber viscous liquid
Appearance of emulsion.....	Semi-translucent
Density	8.02 lbs./gal
pH of 5% emulsion.....	8.9-9.3
Sulfur.....	Yes
Chlorine, DEA, Formaldehyde Release Biocides, Mercurials, Nitrite, Phenols, Phosphates, Silicones.....	None

Recommended Dilutions

XTREME CUT 270 is to be mixed with water for use (add concentrate to water)

Grinding:	3-5%
Machining:	4-12%

Concentration Control

The chart below was prepared using an Atago Master M refractometer and dilutions of XTREME CUT 270 in distilled water. Refractometer readings can vary with the type of water and refractometer used. Atago Master M refractometers are available from QualiChem, Inc.

CONCENTRATION %:	3	4	5	6	7	8	10	12
REFRACTOMETER READING:	3.0	4.0	5.0	6.0	7.0	8.0	10.0	12.0

Packaging

XTREME CUT 270 (Formerly Q-CUT 270) is packaged in 310-gallon, one-way tote tanks and 55-gallon, non-returnable steel drums. Bulk and 5-gallon pails are also available.



The Next Generation in Metalworking Chemistry