

XTREME CUT 251C

Premium Heavy Duty Multi-Metal Semi-Synthetic with EP

Performance Benefits

- Extended tool life
- Long fluid life in both central systems and individual sumps
- Residue free parts and machine tools
- Low foaming
- Complete rejection of tramp oil
- Bimetallic corrosion protection for parts and machine tools
- Formaldehyde free to comply with health and safety regulations

XTREME CUT 251C is a premium, high performance semi-synthetic fluid designed to provide optimum tool life and surface finish. The product is designed for cutting and grinding a wide range of ferrous and non-ferrous alloys, which makes it well suited for job shop operations. XTREME CUT 251C contains an extreme pressure additive and high performance additives to further improve tool life and part quality. The product provides excellent corrosion control for ferrous metals, has a tight emulsion to promote tramp oil rejection, exhibits excellent hard water stability up to 35 grains of hardness, runs clean, has excellent bioresistance, and is non-foaming. Additionally, XTREME CUT 251C utilizes state of the art raw materials to prevent the rotten egg odors associated with most soluble oils and semi-synthetic fluids.

Typical Characteristics

Appearance of concentrate.....	Clear, amber liquid
Appearance of emulsion.....	Semi-translucent
Density	8.19 lbs./gal
pH of 5% emulsion.....	8.8 - 9.2
Nitrite, Phenols, Silicones, Formaldehyde.....	None

Recommended Dilutions

XTREME CUT 251C 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 251C 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 251C (Formerly Q-CUT 251C) is packaged in 310-gallon, one-way tote tanks and 55-gallon, non-returnable steel drums. Bulk and 5-gallon pails are also available.

QUALICHEM
Metalworking Fluids

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