

Q-CUT 236C

General Purpose Chlorinated Semi-Synthetic

Performance Benefits

- Economical in use cost- low price per gallon and very low usage rates as a result of low drag out rates and long sump life.
- Minimal additive requirements
- Superior in-process corrosion protection for machinery and parts.
- Exceptional rancidity control to prevent unpleasant odors
- Effective balance between lubrication and cooling
- Residue free parts and machine tools
- Good rejection of tramp oil
- Good fine settling properties

Q-CUT 236C is a general purpose, moderate duty semi-synthetic cutting and grinding fluid for ferrous metals and most non-ferrous metals. The product is designed for use in central systems and individual sumps. Q-CUT 236C is designed for use on a wide range of metals, which makes it well suited for job shop operations. Typical operations include centerless grinding, cylindrical grinding, internal grinding, surface grinding, drilling, milling, sawing, and turning. The product contains a new generation of additive technology to improve tool life and part quality. The fluid forms a stable emulsion in hard and soft water. Q-CUT 236C has good biological resistance to ensure long fluid life.

Typical Characteristics

Appearance of concentrate.....	Light Amber
Appearance of emulsion.....	Translucent
Density	8.45 lbs/gal
pH of 5% emulsion.....	8.8-9.2
Diethanolamine, Mercurials, Nitrite, Phosphates, Silicones, Formaldehyde.....	None

Recommended Dilutions

Q-CUT 236C 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 Q-CUT 236C 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:	1.7	2.2	2.8	3.4	3.9	4.5	5.6	6.7

Packaging

Q-CUT 236C 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
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