

Q-CUT 245C

High Performance Semi-Synthetic

Performance Benefits

- Operator friendly- this product has virtually no odor in use and is very mild to the skin
- Extended tool life- reduces noise, flank, and crater wear and prevents built up edge
- Long fluid life in both central systems and individual sumps
- Residue free parts and machine tools
- Low foaming in soft and hard water
- Complete rejection of tramp oil
- Chlorine free to reduce disposal costs
- Bimetallic corrosion protection for parts and machine tools
- This product is halogen free**

Q-CUT 245C is a chlorine free, halogen free, high performance semi-synthetic fluid for machining and grinding ferrous and non-ferrous metals. This product utilizes state of the art raw materials to eliminate the rancidity and cleanliness issues associated with most soluble oils and semi-synthetics. The product is designed for use on a wide range of metals, which makes it well suited for job shop operations. Q-CUT 245C is non-staining to sensitive aerospace alloys, aluminum (including 319, 356, 6061T-6, 7075), and yellow metals. The product also has excellent corrosion control for ferrous metals. The fluid has a tight emulsion to promote tramp oil rejection and exhibits excellent hard water stability up to 35 grains of hardness. Q-CUT 245C runs clean, has excellent bioresistance, and is non-foaming.

Typical Characteristics

Appearance of Concentrate.....	Amber, viscous liquid
Appearance of emulsion.....	Semi-translucent
Density.....	8.02 lbs/gal
pH of emulsion @ 5%.....	8.7 – 9.1
Chlorine.....	No
Nitrites.....	No

Recommended Dilutions

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

Concentration Control

The chart to the right was prepared using an Atago Model N1 refractometer and dilutions of Q-CUT 245C in distilled water. Refractometer readings can vary with the type of water and refractometer used. Atago Model N1 refractometers are available from QualiChem, Inc.

CONCENTRATION %:	2	3	4	5	6	8	10	12	15
REFRACTOMETER READING:	1.8	2.8	3.7	4.6	5.5	7.4	9.2	11.0	13.8

Packaging

Q-CUT 245C is packaged in 310 gallon tote tanks and 55 gallon, non-returnable plastic drums. Bulk and 5 gallon pails are also available.

QUALICHEM
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