

XTREME COOL 355C

Premium Neutral pH Heavy Duty Synthetic

Performance Benefits

- Economical to run- unique surfactant system dramatically reduces drag out rates
- Lower residues and improved cleanliness resulting from improved hard water stability
- Extended tool life resulting from state of the art additive technology
- Long system/sump life
- Low foaming in both soft and hard water
- Complete rejection of tramp oil
- Bimetallic corrosion protection for parts and machine tools
- Formaldehyde free to comply with health and safety regulations

XTREME COOL 355C is a heavy-duty solution synthetic cutting & grinding fluid designed for machining aerospace aluminum and other aerospace alloys. This product has a neutral pH to prevent staining on sensitive aluminum and aerospace alloys. XTREME COOL 355C is an oil-rejecting fluid that provides excellent in-process corrosion protection for parts and machine tools. It runs clean, has excellent bioresistance, and is non-foaming. This product has state of the art additive technology to improve tool life and part quality in severe machining operations such as broaching, deep hole drilling, gear hobbing, gundrilling, honing, and threading.

Typical Characteristics

Appearance of concentrate.....	Straw-colored liquid
Appearance of dilution.....	Transparent to slightly opaque
Density	8.77 lbs./gal
Specific gravity.....	1.051
pH of 5% solution.....	7.6-8.0
Chlorine, Diethanolamine, Formaldehyde Release Biocides, Mercurials, Nitrite, Phenols, Phosphates, Silicones, Sulfur.....	None

Recommended Dilutions

XTREME COOL 355C is to be mixed with water for use (add concentrate to water)

Grinding:	4-6%
Machining:	5-12%

Concentration Control

The chart below was prepared using an Atago Master M refractometer and dilutions of XTREME COOL 355C 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 %:	4	5	6	7	8	10	12
REFRACTOMETER READING:	2.7	3.4	4.1	4.9	5.4	6.8	8.2

Packaging

XTREME COOL 355C (Formerly Q-COOL 355C) 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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