



XTREME COOL 353C

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 353C is a moderate-duty solution synthetic cutting and grinding fluid designed for machining of ferrous and nonferrous metals. This product has a neutral pH to prevent staining on sensitive aluminum and aerospace alloys. XTREME COOL 353C is a new generation of metalworking technology designed to provide optimum operator acceptance and is extremely mild to the skin and very low odor. XTREME COOL 353C is an oil-rejecting fluid providing excellent in-process corrosion protection for parts and machine tools. The product runs clean, has excellent bioresistance and is low 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 Light Yellow liquid
 Appearance of dilution Transparent, near colorless
 Density 8.86 lbs./gal
 Specific gravity 1.062
 pH of 5% solution 7.7-8.1
 Chlorine, Diethanolamine, Formaldehyde Release
 Biocides, Mercurials, Nitrite, Phenols, Phosphates,
 Silicones, Sulfur None

Recommended Dilutions

XTREME COOL 353C is to be mixed with water for use (add concentrate to water)
 Grinding: 3-6%
 Machining: 4-12%

Concentration Control

The chart below was prepared using an Atago Master M refractometer and dilutions of XTREME COOL 353C 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:	1.8	2.4	3.0	3.6	4.2	4.8	6.0	7.2

Packaging

XTREME COOL 353C 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