



Q-COOL 350C

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

Q-COOL 350C is a heavy-duty solution synthetic cutting & grinding fluid designed for difficult ferrous machining operations. This oil-rejecting fluid provides excellent in-process corrosion protection for parts and machine tools. Q-COOL 350C 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, clear
Density	8.71 lbs./gal
pH of 5% solution.....	9.1-9.5
Chlorine, Diethanolamine, Nitrite, Phenols.....	None

Recommended Dilutions

Q-COOL 350C 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-COOL 350C 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:	1.5	2.0	2.5	3.0	3.5	4.0	5.0	6.0

Packaging

Q-COOL 350C 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