



Q-COOL 340

Moderate 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 340 is a moderate duty solution synthetic cutting and grinding fluid designed for difficult ferrous machining operations. This is an oil-rejecting fluid that provides excellent in-process corrosion protection for parts and machine tools, runs clean, has excellent bioresistance and is non-foaming. Q-COOL 340 has state of the art additive technology to improve tool life and part quality in a wide range of machining operations from turning and milling to tapping, threading and deep hole drilling.

Typical Characteristics

Appearance of concentrate.....	Dark blue liquid
Appearance of dilution.....	Transparent, blue
Density	8.69 lbs./gal
pH of 5% solution.....	9.0-9.4
Chlorine, Diethanolamine, Formaldehyde Release Biocides, Mercurials, Nitrite, Phenols, Phosphates, Silicones, Sulfur.....	None

Recommended Dilutions

Q-COOL 340 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 340 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
REFRACTOMETER READING:	1.4	1.8	2.3	2.7	3.2	3.6	4.5

Packaging

Q-COOL 340 is packaged in 310-gallon, one-way tote tanks and 55-gallon, non-returnable steel drums. Bulk and 5-gallon pails are also available. An undyed version is also available as Q-COOL 340C.



The Next Generation in Metalworking Chemistry