



Q-COOL 330

General Purpose Synthetic

Performance Benefits

- Extended tool life resulting from state of the art additive technology
- Long system/sump life
- Residue free parts and machine tools
- 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 330 is a light to moderate duty solution synthetic cutting and grinding fluid designed for ferrous and non-ferrous metals. This oil-rejecting fluid provides excellent in-process corrosion protection for parts and machine tools. Q-COOL 330 runs clean, has excellent bioresistance and is low foaming. This product is recommended for machining and grinding applications and is well suited for job shop operations.

Typical Characteristics

Appearance of concentrate.....	Dark blue liquid
Appearance of dilution.....	Transparent, blue
Density	8.63 lbs./gal
pH of 5% solution.....	9.0-9.4
Chlorine, Diethanolamine, Nitrite, Phenols.....	None

Recommended Dilutions

Q-COOL 330 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 330 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:	1.0	1.3	1.6	1.9	2.2	2.6	3.2	3.8

Packaging

Q-COOL 330 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 330C.



The Next Generation in Metalworking Chemistry