

XTREME GRIND 311

Premium Blanchard Grinding Synthetic

Performance Benefits

- Improved dimensional accuracy, fine finishes, and reduced rework rates resulting from state of the art technology
- Low foaming in both soft and hard water
- Excellent corrosion control
- Wheels kept clean and free cutting
- Quick chip settling to reduce wheel loading
- Complete rejection of tramp oil
- Long system/sump life due to good bacterial and fungal protection
- Formaldehyde free to comply with health and safety regulations

XTREME GRIND 311 is an oil rejecting synthetic fluid designed for Blanchard grinding. The low foaming properties also make this product an excellent choice for a wide variety of grinding applications such as double disk and surface grinding. XTREME GRIND 311 is also suitable for use as a rust preventative for pressure testing tanks.

Typical Characteristics

Appearance of concentrate	Dark blue liquid
Appearance of dilution	Transparent, blue
Density	8.76 lbs./gal
Specific gravity	1.05
pH of 5% solution	9.1-9.5
Chlorine, Nitrite, Phenols, Silicones	None

Recommended Dilutions

XTREME GRIND 311 is to be mixed with water for use (add concentrate to water)

Grinding: 3-7%

Concentration Control

The chart below was prepared using an Atago Master M refractometer and dilutions of XTREME GRIND 311 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
REFRACTOMETER READING:	0.8	1.1	1.4	1.7

Packaging

XTREME GRIND 311 (Formerly Q-COOL 311) 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 XTREME GRIND 311C.

QUALICHEM
Metalworking Fluids

AN ISO 9001:2008 COMPANY
2003 Salem Industrial Drive | Salem, VA 24153
540.375.6700
www.qualichem.com/metalworking