

# XTREME CUT 290

## Premium Extreme Duty Semi-Synthetic

### Performance Benefits

- Extended tool life resulting from state of the art additive technology
- Suited for use on both ferrous and non-ferrous metals. Non-staining to aluminum
- Excellent corrosion control for ferrous metals and machine tools
- Residue free parts and machine tools
- Low foaming
- Hard water stability up to 35 grains
- Formaldehyde and DEA free to comply with health and safety regulations
- Good operator acceptance and skin compatibility

**XTREME CUT 290** is a high performance semi-synthetic fluid designed for the most difficult machining applications. The product is formulated to improve tool life on difficult aerospace alloys such as Inconel, Titanium, and Stainless Steel.

**XTREME CUT 290** provides the performance level of heavy-duty soluble oils without the associated unpleasant odors or high usage rates

**XTREME CUT 290** has excellent bioresistance resulting in long fluid life in both central systems and individual sumps. It has a tight, stable emulsion that imparts excellent tramp oil rejection and product stability.

### Approvals & Compliance

Boeing BAC 5008  
UTC Pratt & Whitney  
UTC Aerospace Systems  
Safran Landing Systems  
LORD Aerospace

### Testing & Certification

ASTM F945, Titanium Corrosion  
ASTM F1110, Sandwich Corrosion  
ASTM F483, Total Immersion Corrosion  
RoHS and REACH compliant

### Typical Characteristics

Appearance of concentrate.....Clear, amber liquid  
Appearance of emulsion.....Semi-Translucent  
Density.....7.94 lbs./gal  
Specific gravity.....0.95  
pH of 5% emulsion.....8.8 - 9.2

**XTREME CUT 290** does not contain as an ingredient: Chlorine, Nitrite, Sulfur, Silicones, or Formaldehyde Release Biocides.

### Recommended Dilutions

**XTREME CUT 290** is to be mixed with water for use (add concentrate to water)

Grinding: 3 - 5%  
Machining: 4 - 12%

### Concentration Control

QualiChem suggests the use of an ATAGO Master M Refractometer, but many brands and styles of refractometers will work if used properly and calibration is maintained.

Refractive Index = 1

Concentration % = 1 x Actual Refractometer Reading

### Packaging

**XTREME CUT 290** is packaged in totes and drums. Bulk and pails are also available.

**QUALICHEM**  
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