



## TECHNICAL DATA SHEET

### ULTRACUT® 380R

Ultra Long-Lasting Semi-Synthetic Coolant

#### DESCRIPTION

ULTRACUT® 380R is a premium heavy-duty, biostable, semi-synthetic metalworking fluid with non-chlorinated extreme-pressure additives. This coolant is exceptional hard water stability and resistance to microorganisms for low maintenance. ULTRACUT® 380R is formulated with the ideal balance of lubricity, stability and cooling performance.

ULTRACUT® 380R does not contain chlorine, sulfur, boron, phenols, nitrites or triazines.

#### APPLICATIONS

- Heavy to moderate-duty machining and grinding
- High volume/high pressure coolant systems

#### ADVANTAGES

- Outstanding resistant to bacteria and fungus
- Aluminum friendly
- Great corrosion protection
- Dramatically extends tool life
- Keeps machines clean
- Use in individual sumps or central systems

#### MATERIAL COMPATIBILITY

Recommended for all ferrous & nonferrous metals, aluminum, titanium, stainless steel, brass, bronze and copper.

#### PHYSICAL PROPERTIES

<i>Concentrate Color</i> .....	Translucent blue
<i>Dilute Color</i> .....	Translucent light blue
<i>Odor</i> .....	Mild, characteristic
<i>pH at 10%</i> .....	9.9
<i>Specific Gravity</i> .....	0.99
<i>Density</i> .....	8.3 lbs/gal (989 kg/m <sup>3</sup> )
<i>Flash Point</i> .....	> 200°F (93°C)
<i>Boiling Point</i> .....	> 212°F (100°C)
<i>Mineral Oil</i> .....	25%
<i>Refractometer Index (% Brix)</i> .....	10:1 (10%) = 6.0
	20:1 (5%) = 3.0
	30:1 (3%) = 2.0

#### DILUTION RATIOS

<i>Light-duty machining</i> .....	30:1 (3%)
<i>Moderate-duty machining</i> .....	20:1 (5%)
<i>Heavy-duty machining</i> .....	10:1 (10%)

\* These dilution ratios should only be used as general guidelines and are not exact specifications. Contact your Rustlick Sales Representative for an application specific recommendation.

#### AVAILABLE SIZES

<i>5 gallon; net weight 43 lbs (19.5 kg)</i> .....	76005
<i>55 gallons; net weight 485 lbs (220 kg)</i> .....	76055

#### HEALTH AND SAFETY

Use proper safety equipment. Avoid contact with skin, eyes, and clothes. Avoid inhaling vapor or mist. Keep away from extreme heat. Keep container closed when not in use. For complete Health and Safety information refer to product Material Safety Data Sheet (MSDS). Product MSDS can be downloaded from [www.itwrocolna.com/msds.htm](http://www.itwrocolna.com/msds.htm).

For additional information call 800-452-5823 x2 or visit [www.itwrocolna.com](http://www.itwrocolna.com).

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