



# TECHNICAL DATA SHEET

## ULTRACUT PRO / POWERCOOL PRO

Bioresistant Water-Soluble Oil Metalworking Fluid Concentrate

### DESCRIPTION

ULTRACUT Pro is a premium water-soluble oil cutting & grinding fluid with maximum bioresistance and chlorinated extreme-pressure additives for heavy-duty machining with ferrous & nonferrous metals.

### APPLICATION

Heavy-duty machining and grinding

### ADVANTAGES

- Extremely resistant to bacteria and fungus
- Exceptionally long sump life
- Outstanding corrosion protection
- Great workpiece quality
- Dramatically extends tool life
- Increased productivity

### MATERIAL COMPATIBILITY

Recommended for ferrous & nonferrous metals, aluminum, brass, bronze and copper. Limited use on titanium.

### PHYSICAL PROPERTIES

<i>Concentrate Color</i> .....	Golden yellow to light brown
<i>Dilute Color</i> .....	Milky white
<i>Odor</i> .....	Mild, characteristic
<i>pH at 10%</i> .....	9.9
<i>Specific Gravity</i> .....	0.98
<i>Density</i> .....	8.2 lbs/gal (980 kg/m <sup>3</sup> )
<i>Flash Point</i> .....	> 200°F (93°C)
<i>Boiling Point</i> .....	> 212°F (100°C)
<i>Chlorine</i> .....	4.7%
<i>Mineral Oil</i> .....	53.5%
<i>Refractometer Index (% Brix)</i> .....	10:1 (10%) = 9.2
	20:1 (5%) = 4.6
	30:1 (3%) = 3.1

### 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> .....	84405
<i>55 gallons; net weight 485 lbs (220 kg)</i> .....	84455

### 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.rocolnorthamerica.com/msds.htm](http://www.rocolnorthamerica.com/msds.htm).

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

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