



# TECHNICAL DATA SHEET

## PowerSaw

### Synthetic Machining Metalworking Fluid Concentrate

#### DESCRIPTION

PowerSaw is a quality moderate to heavy-duty synthetic metalworking fluid with non-chlorinated extreme-pressure additives formulated specifically to meet the needs of sawing operations.

#### APPLICATIONS

- Moderate to heavy-duty
- Band and circular sawing, machining, grinding

#### MATERIALS COMPATIBILITY

- Recommended for ferrous metals and alloys
- Limited use for aluminum
- Not recommended for titanium, brass, bronze, and copper

#### PHYSICAL PROPERTIES

<i>Concentrate Color</i> .....	Dark blue
<i>Dilute Color</i> .....	Clear bright blue
<i>pH at 10%</i> .....	9.0
<i>Specific Gravity</i> .....	1.06
<i>Density</i> .....	8.9 lbs/gal (1063 kg/m <sup>3</sup> )
<i>Flash Point</i> .....	> 200°F (93°C)
<i>Boiling Point</i> .....	212°F (100°C)
<i>Chlorine</i> .....	None
<i>Mineral Oil</i> .....	0%
<i>Refractometer Readings</i> .....	10:1 = 3.5
	20:1 = 1.8
	30:1 = 1.0

#### DILUTION RATIOS

- Band, circular, and general sawing .....20:1
- Machining, grinding .....10:1 – 20:1

#### AVAILABLE IN

5 gal.....	76205
55 gal.....	76255

#### HEALTH AND SAFETY

Refer to MSDS (Material Safety Data Sheet) for complete information on health and safety on our web site at [www.rocolnorthamerica.com](http://www.rocolnorthamerica.com).

For additional information please contact our Customer Service Department at 800-452-5823 ext. 2.