



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 ³)
<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 sawing20:1
- Machining, grinding10:1 – 20:1

AVAILABLE IN

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

HEALTH AND SAFETY

Refer to SDS (Safety Data Sheet) for complete information on health and safety on our web site at www.itwprofessionalbrands.com.

For additional information please contact our Customer Service Department at 800-241-8334.