



# TECHNICAL DATA SHEET

## PowerChip 2000

### Synthetic Machining Metalworking Fluid Concentrate

#### DESCRIPTION

PowerChip 2000 is a premium heavy-duty synthetic metalworking fluid with non-chlorinated extreme-pressure additives. The transparent solution provides great work piece visibility. Formulated to reject tramp oils and way-lube to prolong sump life and minimize maintenance.

#### APPLICATIONS

- Heavy-duty operations
- Machining, cutting, sawing
- Works well in grinding operations

#### MATERIALS COMPATIBILITY

- Recommended for ferrous metals, titanium, and high-nickel alloys
- Limited use for aluminum, brass, bronze, and copper

#### PHYSICAL PROPERTIES

<i>Concentrate Color</i> .....	Dark blue
<i>Dilute Color</i> .....	Clear, bright blue
<i>pH at 10%</i> .....	9.8
<i>Specific Gravity</i> .....	1.07
<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 = 4.0 20:1 = 2.0 30:1 = 1.2

#### DILUTION RATIOS

- Machining ..... 10:1 – 20:1
- Cutting, sawing, grinding ..... 30:1

#### AVAILABLE IN

5 gal.....	76305
55 gal.....	76355

#### HEALTH AND SAFETY

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

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