



# TECHNICAL DATA SHEET

## SN-100A

### Synthetic Machining Metalworking Fluid Concentrate

#### DESCRIPTION

SN-100A is a superior moderate to heavy-duty synthetic metalworking fluid. The transparent solution provides great work piece visibility and offers dry-film corrosion protection. Formulated to reject tramp oils and way-lube to prolong sump life and minimize maintenance.

#### APPLICATIONS

- Moderate to heavy-duty operations
- Machining, cutting, sawing
- Works well in grinding operations

#### MATERIALS COMPATIBILITY

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

#### PHYSICAL PROPERTIES

<i>Concentrate Color</i> .....	Blue
<i>Dilute Color</i> .....	Clear blue
<i>pH at 10%</i> .....	9.0
<i>Specific Gravity</i> .....	1.05
<i>Density</i> .....	8.8 lbs/gal (1053 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 = 2.4 30:1 = 1.3

#### DILUTION RATIOS

- Machining .....20:1 – 30:1
- Milling, drilling, turning, boring, sawing, tapping, threading, reaming, grinding..... 10:1 – 20:1

#### AVAILABLE IN

5 gal.....	73058
55 gal.....	73558

#### 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.