# **Rustlick**

## **TECHNICAL DATA SHEET**

# **SS-150**

### Semi-Synthetic Metalworking Coolant

#### DESCRIPTION

SS-150 is an economical semi-synthetic metalworking fluid for light to moderate-duty use.

This low-oil, low-cost coolant is nonstaining on aluminum.

SS-150 is a cost-effective, low-maintenance coolant option that works well in areas with hard water. It provides great cooling and is low-foaming, even in high pressure / high volume coolant systems.

SS-150 does not contain chlorine, sulfur, boron, phenols, nitrites or triazines.

#### **APPLICATIONS**

- Light to moderate-duty operations
- General grinding and light machining
- High volume / high pressure coolant systems

#### **ADVANTAGES**

- Low-cost, low-oil
- Will not stain aluminum
- Low-maintenance
- Will not build-up on machines or parts
- Low carryoff

#### **MATERIAL COMPATIBILITY**

Recommended for ferrous & nonferrous metals, including aluminum

#### PHYSICAL PROPERTIES

Concentrate Color	Translucent blue
Dilute Color	Translucent light blue
Odor	Mild, characteristic
pH at 10%	9.9
Specific Gravity	1.01
Density	8.4 lbs/gal (1010 kg/m <sup>3</sup> )
Flash Point	> 200°F (93°C)
Boiling Point	> 212°F (100°C)
Mineral Oil	10%
Refractometer Index (% Brix)	10:1 (10%) = 3.0
	20:1 (5%) = 1.5
	30:1 (3%) = 1.0
Light duty machining	20.1 (20/.)

#### **DILUTION RATIOS**

Light-duty machining	30:1 (3%)
Moderate-duty machining	20:1 (5%)
Heavy-duty machining	10:1 (10%)

<sup>\*</sup> These dilution ratios should only be used as general guidelines and are not exact specifications. Contact your Rustlick Sales Person for an application specific recommendation.

#### **AVAILABLE SIZES**

#### **HEALTH AND SAFETY**

The information in this document is believed to be accurate at the date of issue. Because conditions of use are beyond manufacturer's control no guarantee or warranty is expressed or implied.

Effective Date: 03/04/2011