



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

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

DILUTION RATIOS

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

* 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

<i>5 gallon; net weight 43 lbs (19.5 kg)</i>	76105
<i>55 gallons; net weight 485 lbs (220 kg)</i>	76155

HEALTH AND SAFETY

Use proper safety equipment. Avoid contact with skin, eyes, and clothes. Avoid inhaling vapor or mist. Keep away from extreme heat. Keep container closed when not in use. For complete Health and Safety information refer to product Material Safety Data Sheet (MSDS). Product MSDS can be downloaded from www.itwrocolna.com/msds.htm.

For additional information call 800-452-5823 x2 or visit www.itwrocolna.com.

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