



# TECHNICAL DATA SHEET

## SS-405L

### Semi-Synthetic Metalworking Fluid Concentrate

#### DESCRIPTION

SS-405L is a quality moderate-duty semi-synthetic metalworking fluid. It is low maintenance and provides thin oily-film corrosion protection for work pieces and machines.

#### APPLICATIONS

- Moderate-duty operations
- General machining, grinding
- High volume/high pressure coolant systems

#### MATERIALS COMPATIBILITY

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

#### PHYSICAL PROPERTIES

<i>Concentrate Color</i> .....	Translucent amber
<i>Dilute Color</i> .....	Translucent
<i>pH at 10%</i> .....	9.6
<i>Specific Gravity</i> .....	1.02
<i>Density</i> .....	8.4 lbs/gal (1005 kg/m <sup>3</sup> )
<i>Flash Point</i> .....	> 200°F (93°C)
<i>Boiling Point</i> .....	215°F (102°C)
<i>Chlorine</i> .....	None
<i>Mineral Oil</i> .....	15%
<i>Refractometer Readings</i> .....	10:1 = 4.8
	20:1 = 2.4
	30:1 = 1.6

#### DILUTION RATIOS

- General machining, surface grinding.....20:1
- Tapping, reaming, sawing, gear hobbing, gun drilling, threading, milling, centerless grinding..... 10:1

#### AVAILABLE IN

5 gal.....	78405
55 gal.....	78410

#### 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.