

# SYNSOL 7000 Semi-Synthetic Coolant



## Product Line

Metalloid Corporation manufactures a complete line of industrial metal working fluids and cleaners. Metalloid's product line includes but is not limited to Machining and Grinding Coolants, Stamping and Forming Fluids, EDM Fluids, Corrosion Inhibitors, Swiss Cutting Oils and Aqueous Cleaners.

## Product Description

**SYNSOL 7000** is the latest formulation in the **SYNSOL** line of coolants. **SYNSOL 7000** is a high performance heavy-duty *bio-stable* semi-synthetic metal working fluid for machining and grinding of ferrous and non-ferrous metals. **SYNSOL 7000** is formulated with **botanical based lubricity additives** and when mixed with water the unique *botanical* chemistry of **SYNSOL 7000** forms a stable emulsion, resisting the growth of bacteria. This product combines the best features of both oil-type and synthetic chemistry to provide a top performing semi-synthetic machining and grinding coolant. **SYNSOL 7000** is formulated to provide exceptional tool life and long term, trouble free performance. This unique formulation is a versatile *bio-stable* metalworking fluid with superior rust protection and unsurpassed rancidity control. **SYNSOL 7000** can be used in individual sumps and central systems.

## Benefits

- Remains stable in sump for longer periods of time
- Excellent rancidity control
- Forms stable emulsion in hard water
- Excellent corrosion protection
- Excellent lubricity and cooling properties
- Superior tramp oil rejection
- Low foaming

## Specifications

Specific Gravity @ 70° F.....	0.994
Weight, lbs. /gal.....	8.25
pH, 5% Dilution.....	9.4
Appearance, Concentrate.....	clear amber liquid

## Recommended Starting Dilutions

Milling, Drilling and Turning.....	1:10 to 1:20
Reaming, Broaching, Tapping.....	1:10 to 1:20
Grinding and Sawing.....	1:20 to 1:30

**Remember...** when mixing **ALWAYS** add concentrate to water.

**SYNSOL 7000** is available in 5-Gallon Pails, 55-Gallon Drums, 330-Gallon Totes, and bulk

## The Metalloid Partnership Advantage



We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind, expressed or implied, and we assume no responsibility for loss, damage, or expense, direct or consequential, arising out of their use.

No one understands metalworking fluids better than Metalloid, so no one else can bring you advanced technology that works on the issues that matter to you. Get the whole story by calling Metalloid at **800.686.3201**.



**World Headquarters**  
1160 White Street  
Sturgis, MI 49091  
telephone 269.503.7300  
facsimile 269.503.7795  
[www.metalloidcorp.com/metalworking](http://www.metalloidcorp.com/metalworking)

**Texas Facility**  
1720 N. Quevado Street  
Jacksonville, TX 75766  
telephone 903.589.3933  
facsimile 903.589.3924