

# SYNSOL 7080

## Medium Duty

### Semi-Synthetic Coolant



### The Metalloid Partnership Advantage

#### Product Description

SYNSOL 7080 is a high performance heavy-duty *bio-stable* semi-synthetic metal working fluid for machining and grinding of ferrous and non-ferrous metals. SYNSOL 7080 is formulated with **botanical based lubricity additives** and when mixed with water the unique *botanical* chemistry of

SYNSOL 7080 forms a stable emulsion, resisting the growth of bacteria. This product combines the best features of both oil and synthetic chemistry to provide a high performance semi-synthetic machining and grinding coolant without the use of chlorine. SYNSOL 7080 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 7080 can be used in individual sumps and central systems.

#### Benefits

- Remains stable in sump for longer periods of time
- No chlorine
- 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.....	0.991
Weight, lbs. /gal.....	8.27
pH, 5% Dilution.....	9.2
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 7080 is available in 5-Gallon Pails, 55-Gallon Drums, 330-Gallon Totes, and bulk



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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**.



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