

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.



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