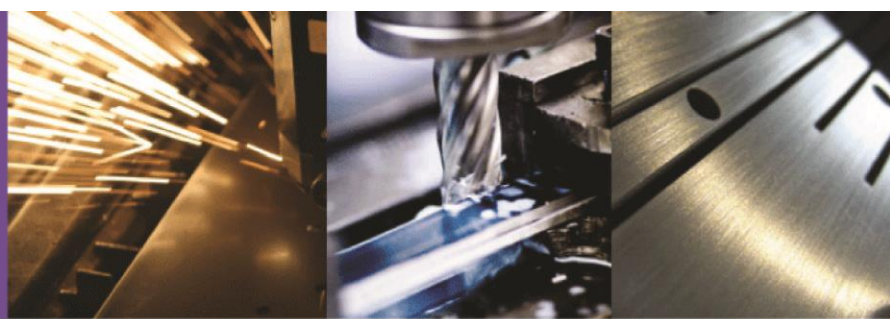


# METSOL 9160

## Bio-stable Soluble Oil Machining Coolant



The Metalloid Partnership Advantage

### Product Description

**METSOL 9160** is a high performance heavy-duty, bio-stable, water soluble coolant for machining and grinding of ferrous and non-ferrous metals. **METSOL 9160** is formulated to provide exceptional tool life and long term, trouble free performance with superior tramp oil rejection. The unique chemistry of **METSOL 9160** forms a bio-stable emulsion that resists the growth of bacteria, resulting in excellent rancidity control. This exclusive formulation also provides a coolant that is low foaming, making it an excellent choice for high pressure and through spindle coolant spray. **METSOL 9160** can be used in individual sumps and central systems.

### Benefits

- ✓ Remains stable in sump for longer periods of time
- ✓ Excellent rancidity control
- ✓ Low foaming – excellent for high pressure machining
- ✓ Excellent corrosion protection
- ✓ Excellent lubricity and cooling properties
- ✓ Superior tramp oil rejection
- ✓ Bio-stable - effective bacterial inhibition

### Directions For Use

**METSOL 9160** is diluted in water at concentrations appropriate for the severity of the operation. The machine sump should always be cleaned with METALLOID machine cleaner and rinsed prior to adding fresh coolant.

### Recommended Starting Solutions:

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

**Note:** Coolant should always be added to water. Do not add water to concentrate.

Proper dilutions can easily be monitored by refractive index. Refractometers are available through Metalloid Corporation and its distributors.

### Packaging

**METSOL 9160** is available in 5-gallon pails, 55-gallon drums, 330-gallon totes and bulk quantities.



### **PROPERTIES**

Appearance	Clear, amber liquid
Odor	Mild
Specific Gravity	0.895
Water Solubility	Completely
pH (5%)	9.3

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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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