

METSOL 9000
Bio-stable
Soluble Oil
Machining Coolant



The Metalloid Partnership Advantage

Product Description

METSOL 9000 is a high performance heavy-duty, bio-stable, water soluble coolant for machining and grinding of ferrous and non-ferrous metals. **METSOL 9000** is formulated to provide exceptional tool life and long term, trouble free performance with superior tramp oil rejection. The unique chemistry of **METSOL 9000** 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 the spindle coolant spray. **METSOL 9000** 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 9000 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 9000 is available in 5 gallon pails, 55 gallon drums, 330 gallon totes and bulk quantities.

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.



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