

# METSOL 9030

## Medium to Heavy Duty Vegetable Based Soluble Oil Coolant



### The Metalloid Partnership Advantage

#### Product Description

**METSOL 9030** is a non-chlorinated soluble oil coolant for medium to heavy-duty machining and grinding of white and yellow metals. **METSOL 9030** is chemically engineered to form an extremely tight emulsion in water to optimize tool life, cleanliness and bio-resistance in the sump.

#### Benefits

- ✓ Hard water stable
- ✓ Clean running
- ✓ Non-staining on soft metals
- ✓ Superior finishes on aluminum
- ✓ Exceptional sump life and microbial resistance
- ✓ Foam resistant in high pressure operations
- ✓ Excellent tool life and part finish
- ✓ Good corrosion protection on ferrous metals

#### Applications

- ✓ CNC Machining
- ✓ Milling/Drilling
- ✓ Sawing/Cut-off
- ✓ Threading
- ✓ Boring/Reaming/Turning
- ✓ Machining Centers
- ✓ Central Systems
- ✓ FMS

#### Directions For Use

**METSOL 9030** is diluted in water between 3% and 12% depending on 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

Grinding	3 – 5%	Threading	8%
General CNC Machining	5 – 10%	Turning Centers	5 – 10%
Milling/Drilling	5 – 8%	Boring/Reaming/Tapping	6 – 8%

**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.

PROPERTIES	
Appearance	Clear, amber liquid
Odor Characteristic	
Specific Gravity	0.920 – 0.940
Water Solubility	Completely
pH (5%)	8.0 – 9.0

**METSOL 9030** 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. Get the whole story by calling Metalloid at **800.686.3201**.



#### Michigan Facility

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 St  
Jacksonville, TX 75766  
telephone 903.589.3933  
facsimile 903.589.3924