



# WS-500A

## Water-Soluble Oil for Cutting & Grinding

### DESCRIPTION

Designed with a proprietary extreme pressure (EP) additive, Rustlick™ WS-500A is excellent for machining titanium, Inconel X, Aluminum, Rene 41, stainless steel, and other metals.

Rustlick™ WS-500A cutting and grinding fluid is compatible with CNC machining and does not contain chlorine or sulfur, thereby reducing disposal costs.



### FEATURES

- Water-soluble oil
- Non-Chlorinated EP additives
- General purpose coolant
- Thin oily-film corrosion protection
- Increases tool life

### APPLICATIONS

- Light to moderate-duty operations
- General machining
- Ferrous metals
- Aluminum
- Titanium
- Limited use for brass, bronze, and copper

### DIRECTIONS

FOR PRODUCT/APPLICATOR TROUBLE SHOOTING:  
 Use a refractometer to measure coolant concentration  
 Use Triadine 20 or Grotan for microbial control in sump tanks  
 Call Technical Sales for detailed questions pertaining to the products

### DISPOSAL

Dispose of contents/container to an approved waste disposal plant

### AVAILABLE PRODUCTS

Part No.	Units/Case	Net Contents	Container Type
74555	1	55 gal	drum
74055	1	5 gal	pail

### PROPERTIES

Appearance	Dark brown
Class	Water-soluble oil
pH at 10%	9.2
Specific Gravity	0.93
Density	7.8 lbs/gal
Flash Point	320°F (160°C)
Total Chlorine	None
Mineral Oil	74%
Water Solubility	Soluble
Dilution Ratios	Milling, Drilling, boring, turning, threading, broaching: 10:1-20:1; Form grinding: 10:1-15:1; Centerless grinding: 25:1-30:1
Refractometer Readings (% Brix)	10:1=11; 20:1=5.6; 30:1=3.1

### SHELF LIFE INFORMATION

1 year



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