



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

DISPOSAL

Dispose of contents/container to an approved waste disposal plant

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

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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