



# WS-5050

## Water-Soluble Oil

### DESCRIPTION

Water-soluble oil with chlorinated extreme pressure additives for moderate and heavy-duty machining applications.

### FEATURES

- Water-soluble oil
- Chlorinated EP additives
- Great lubricity
- Provides great surface finish
- Thin oily-film corrosion protection
- Increases tool life

### APPLICATIONS

- Moderate and heavy-duty machining
- General and CNC machining, milling, drilling, and broaching

### MATERIALS COMPATIBILITY

- Ferrous metals
- Brass, Bronze, Copper.
- Aluminum
- Not recommended for Titanium

### 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.

### AVAILABLE PRODUCTS

Part No.	Net Contents	Units/Case
74556	55 gal	1
74056	5 gal	1
74016	1 gal	4



### PROPERTIES

Appearance / Physical State	Blue
Class	Water-Soluble Oil
pH Value	9.5
Specific Gravity	0.96
Density	8.1 lbs/gal
Flash Point	230°F (110°C)
Total Chlorine	5%
Mineral Oil	55%
Water Solubility	Soluble
Dilution Ratio	Milling, Tapping, Threading, Turning, Sawing, Drilling, Broaching 5:1 - 30:1 General, Form, Centerless Grinding 20:1 - 30:1
Refractometer Readings	10:1 = 11 20:1 = 5.6 30:1 = 3.7

### SHELF LIFE INFORMATION

1 year



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