



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
- Limited use for titanium, brass, bronze, and copper

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.



PROPERTIES

| | |
|---|-----------------------------------|
| Appearance | Blue |
| Class | Water-Soluble Oil |
| pH at 10% | 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 |
| Dilution Ratio: General, form, centerless grinding | 20:1 - 30:1 |
| Refractometer Readings (% Brix) | 10:1 = 11; 20:1 = 5.6; 30:1 = 3.7 |

SHELF LIFE INFORMATION

1 year

AVAILABLE PRODUCTS

| Part No. | Units/Case |
|----------|------------|
| 74556 | 1 |
| 74056 | 1 |
| 74016 | 4 |



CONTACT YOUR ITW PRO BRANDS REPRESENTATIVE TODAY!

800.241.8334 | www.itwprobrands.com

LPS®, SCRUBS®, DYKEM®, Accu-Lube®, DYMON®, Spray Nine®, and Cedar® are registered trademarks and Rustlick™, Diamondkote™, and MetalMates™ are trademarks of Illinois Tool Works • All Rights Reserved