



ULTRACUT[®] Aero

Water-Soluble Oil

DESCRIPTION

ULTRACUT[®] Aero Water-Soluble Oil is a premium water-soluble oil cutting & grinding fluid specially designed for the aerospace industry.

FEATURES

- Premium water-soluble oil
- No chlorine, sulfur, boron, phenols, or nitrites
- Biostable and resistant to microorganisms
- Increases sump life
- Extends tool life
- Provides corrosion protection
- Provides great workpiece quality

APPLICATIONS

- Aerospace machining
- Heavy-duty machining and grinding

MATERIALS COMPATIBILITY

- Ferrous and Non-Ferrous Metals
- Aluminum
- Brass, Bronze, and Copper
- Inconel
- 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	Container Type	Units/Case
74405	5 gal	pail	1
74455	55 gal	drum	1



PROPERTIES

Appearance / Physical State	Light brown
Class	Water-soluble oil
pH Value	9.3
Specific Gravity	0.97
Density	8.1 lbs/gal
Flash Point	220°F (104°C)
Total Chlorine	None
Mineral Oil	40%
Water Solubility	Soluble
Dilution Ratio	Light-Duty Machining: 30:1 (3%) Moderate-Duty Machining: 20:1 (5%) Heavy-Duty Machining: 10:1 (10%)
Refractometer Readings	10:1=9.2 20:1=4.6 30:1=3

SHELF LIFE INFORMATION

1 year



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