

PARACUT 2434

DESCRIPTION

PARACUT 2434 is a high fat content soluble oil concentrate designed primarily for use on aluminum alloys, copper alloys, and brass. It has a very effective polar additive package to create a low-shear organometallic film for reduced friction at the chip and tool interface. It also provides maximum lubrication for extremely fine finishes on soft, difficult to machine metals. PARACUT 2434 forms a stable oil-in-water emulsion and operates well in all types of filtration systems.

FEATURES

- Designed for use on aluminum and copper alloys
- Reduced friction for superior finishes and size control
- Excellent filtration
- No odor -- excellent operator acceptance
- Mild toward skin

PHYSICAL PROPERTIES

Form:	<i>Liquid</i>	Fire point:	<i>387° F</i>
Appearance:	<i>Amber</i>	Viscosity:	<i>158 SUS @ 100° F</i>
Specific gravity:	<i>0.91</i>	Residue:	<i>Resoluble fluid</i>
Solubility in water:	<i>100%</i>	pH @ 5% solution:	<i>9.2 ±.2</i>
Flash point:	<i>325° F</i>	Odor:	<i>Mild</i>
Pour point:	<i>10° F</i>		

RECOMMENDED USAGE CONCENTRATIONS

General machining:	20:1 to 30:1
Grinding:	20:1 to 40:1
Broaching & tapping:	5:1 to 10:1

COMPATIBLE MATERIALS

- ◆ Stainless steel
- ◆ Steel
- ◆ Aluminum alloys
- ◆ Copper alloys

STORAGE AND HANDLING

Use at room temperature. If frozen, allow to thaw completely before use. Do not expose to extreme high temperature due to possible drum rupture. Do not pressurize drum or reuse empty container.