

PARACUT 1503

DESCRIPTION

PARACUT 1503 has a highly unique cutting fluid chemistry. It contains specialized *extreme pressure lubricants* for machining aluminum with high speed steel or carbide tooling. It is a water-soluble, semi-synthetic, chemical grinding and cutting fluid concentrate which is scientifically designed to provide outstanding lubricity and cooling in all phases of aluminum machining. PARACUT 1503 maintains exceptional stability with all qualities of water throughout its functional life and protects against corrosion, skin irritation, and bacterial growth.

FEATURES

- Extremely versatile -- can be used on all types of aluminum and other soft metals.
- Increased tool life and production with superior finishes and closer tolerances.
- Highest cooling capacity for high heat conditions. *Will not smoke.*
- Prevents rust and keeps machines and work areas clean.
- Can be used in central systems as well as individual machines.

PHYSICAL PROPERTIES

Form:	<i>Liquid</i>	Fire point:	<i>Noncombustible</i>
Appearance:	<i>Light amber</i>	Viscosity:	<i>179 SUS @ 68° F</i>
Specific gravity:	<i>1.01</i>	Residue:	<i>Non visible fluid</i>
Solubility in water:	<i>100%</i>	pH @ 10% solution:	<i>9.7</i>
Flash point:	<i>None</i>	Pour point:	<i>30° F</i>

RECOMMENDED STARTING CONCENTRATIONS

Turning, boring, milling, & drilling:30 to 40:1

Grinding O.D., I.D., centerless, surface:25:1

COMPATIBLE MATERIALS

Aluminum alloys Copper alloys Stainless steels

STORAGE AND HANDLING

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