

PARACUT 1505

DESCRIPTION

PARACUT 1505 is a highly unique development in cutting fluid chemistry. PARACUT 1505 is a water-soluble, semi-synthetic chemical cutting & grinding fluid concentrate which is specifically designed to provide outstanding lubricity and cooling in all phases of metal machining. It maintains exceptional stability with all qualities of water throughout its functional life and protects against corrosion, skin irritation, and bacterial infection.

FEATURES

- Extremely versatile -- can be used on all types of steel and other 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>1.012</i>	Residue:	<i>Non visible fluid</i>
Odor:	<i>Mild</i>	pH @ 5% solution:	<i>9.6</i>
Flash point:	<i>None</i>	pH @ concentration:	<i>10.5</i>
Pour point:	<i>30° F</i>	Solubility in water:	<i>100%</i>

RECOMMENDED STARTING CONCENTRATIONS

Turning, boring, milling & drilling:	30 to 40:1
Grinding O.D., I.D., centerless, surface:	25:1
Aluminum operations (all):	5 to 40:1

32-1 REF. READING:	
3 %	1.4
5%	2.2
7%	3.4
10%	5.0

COMPATIBLE MATERIALS

Stainless steel Alloy steels Cast iron Alumi-
num Copper alloys

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.