

# *PARACUT HD*

## DESCRIPTION

PARACUT HD is an extreme pressure formulated metalworking fluid concentrate. It contains the latest technology of “friction reducing” components for applications on tough alloys or severe operations for extremely fine finishes and extended tool life. PARACUT HD provides exceptional corrosion inhibition for parts, fixtures, and machine tools, and it resists rancidity. It is cost effective due to its high cooling capacity, long sump life, and lubricant additives to protect and extend tool life and cleanliness of operation.

## FEATURES

- High lubricity -- lubricant additives eliminate chip welding
- Will *not* cause corrosion
- Non staining
- Clean operation -- *no* hard residues or smoke under heavy loads
- Excellent results -- size, finishes, tolerances, and cost
- Contains *no* nitrites, phenols, or other hazardous materials

## PHYSICAL PROPERTIES

Form:	<i>Liquid</i>	Fire point:	<i>Noncombustible</i>
Appearance:	<i>Dark brown</i>	Viscosity:	<i>1275 SUS @ 100° F</i>
Specific gravity:	<i>1.04</i>	Residue:	<i>Totally resolvable</i>
Solubility in water:	<i>100%</i>	pH @ 5% solution:	<i>8.9</i>
Flash point:	<i>None</i>	pH @ concentrate:	<i>9.44</i>
Pour point:	<i>30° F</i>	Odor:	<i>Mild</i>

## RECOMMENDED USAGE CONCENTRATIONS

Turning operations on steels, aluminum alloys, & copper alloys:	<b>5%</b>
Turning operations on titanium alloys:	<b>10%</b>
Severe operations on all metallurgies:	<b>10%</b>
Grinding operations on all metallurgies:	<b>5%</b>

## COMPATIBLE MATERIALS

Plain carbon steels	Alloy steels	Stainless steels
Aluminum alloys	Copper alloys	Titanium 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.