

PARACUT 4517

DESCRIPTION

PARACUT 4517 is a water-soluble, totally synthetic chemical cutting and grinding fluid concentrate for use with aluminum alloys. It is designed to provide outstanding lubricity and cooling necessary for high surface finishes and precise tolerances in all phases of aluminum machining. PARACUT 4517 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

Increased 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: *Liquid* Fire point: *Noncombustible*
- Appearance: *Light amber* Viscosity: *Same as water*
- Specific gravity: *1.06* Residue: *Non visible fluid*
- Solubility in water: *100%* pH @ 10% solution: *9.5*
- Flash point: *None* Odor: *Mild*
- Pour point: *30° F*

RECOMMENDED STARTING CONCENTRATIONS

- Turning, boring, milling, and drilling: 30 - 40:1
- Grinding O.D, I.D., centerless, and surface: 25:1

COMPATIBLE MATERIALS

- Aluminum alloys
- Copper alloys
- Stainless steels

STORAGE AND HANDLING

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