

PARACUT 4516

DESCRIPTION

PARACUT 4516 is a synthetic cutting and grinding fluid that contains no nitrites or phenols. Its oil rejecting property makes removal of tramp oil from machine tools or central systems easy. PARACUT 4516 is well suited for cast iron machining or grinding due to the superior rust protection of the work piece and equipment. It provides cleanliness to the operation, remains clear and clean in use, and leaves a soft fluid residue.

FEATURES

- Nitrite and phenol *FREE*
- Rejects oil
- Superior rust protection
- Excellent settling properties
- Soft fluid film residue

PHYSICAL PROPERTIES

Form:	<i>Liquid</i>	Fire point:	<i>Noncombustible</i>
Appearance:	<i>Clear amber</i>	Viscosity:	<i>Same as water</i>
Specific gravity:	<i>1.056</i>	Residue:	<i>Soft fluid film</i>
Solubility in water:	<i>100%</i>	pH @ 5% solution:	<i>9.31</i>
Flash point:	<i>None</i>	pH @ concentrate:	<i>10.22</i>
Odor:	<i>Mild</i>	Pour point:	<i>30 ° F</i>

RECOMMENDED STARTING CONCENTRATIONS

Milling, drilling, & turning:	30:1 (3.3%) -- 20:1 (5%)
Centerless and internal grinding:	40:1 (2.5%) -- 20:1 (5%)
Cylindrical and surface grinding:	40:1 (2.5%) -- 20:1 (5%)

COMPATIBLE MATERIALS

- Plain carbon steels
- Alloy steels
- Cast steels
- Stainless steels
- All cast iron

STORAGE AND HANDLING

There is no special handling or storage requirements associated with this product.