

Product Number: 4468

PAZCUT S 65

Synthetic grinding/machining fluid

Product description

Pazcut S 65 is a completely synthetic, state-of-the-art machining and grinding coolant. Pazcut S 65 provides the boundary lubrication necessary to perform severe machining operations and the heat dissipation and detergency necessary to achieve low microfinishes in critical grinding processes.

Applications

Pazcut S 65 is a general purpose synthetic metalworking fluid developed for milling , drilling, turning, sawing, boring and grinding of ferrous and non-ferrous metals. Pazcut S 65 has been successful in screw machining as well as medium duty tapping. ??? and forming operations. Pazcut S 65 is an ideal recommendation for tube ??? and grinding central systems.

Typical Characteristics

OPERATIOONS	CARBON& CAST STEELS	HIGH ALLOY STEELS	AIRCRAFT STEELS AND TOOLS STEELS	ALUMINUM& TITANIUM	CAST IRON MALLEABLE IRON
GRINDING CYLINDRICAL,SURFACE (CENTERLESS, BLANCHARD)	(4-5%) 1:25-1:20	(5-6%) 1:20-1:17	(4-5%) 1:25-1:20	(5-6%) 1:20-1:17	(4-5%) 1:2501:20
MILLING DRILLING TURNING CUTOFF SAWING AND SCREW MACHINNIG	(5-7%) 1:20-1:14	(5-7%) 1:20-1:14	(5-6%) 1:20-1:17	(6-8%) 1:17-1:12	(4-5%) 1:2501:20
TAPPING REAMING AND FORM MILLING	(5-7%) 1:20-1:14	(6-8%) 1:17-1:12	(5-8%) 1:20-1:12	(6-8%) 1:17-1:12	

Features/Benefits

- ▶ Low foaming at high pressures.
- ▶ Outstanding corrosion protection without using oil.
- ▶ High detergency for a cleaner machine tool and work environment.
- ▶ Exceptional tramp oil rejection properties.
- ▶ Maximum tool life and surface finish.
- ▶ Non-residue forming.
- ▶ Will not load up grinding wheels while offering rapid fine setting in sumps.
- ▶ Transparent solution offers maximum visibility to workpiece and operations.
- ▶ Contains no oil, halogens, nitrites, silicone or phenols.
- ▶ Outstanding biological protection against bacterial, fungal and yeast microorganisms.
- ▶ Passes ??? leach test on carbide.

Storage

- ▶ All packages should be kept tightly closed and stored under cover, in order to prevent any kind of contamination. (by water etc.)
In case not under cover, drums should be stored in the horizontal position.
- ▶ Keep away from any heat source or fire.

Health, safety and environment

- ▶ Product is designated as hazardous.
- ▶ Avoid any direct contact with skin or eyes including aspiration of products vapors.
- ▶ Use personal protection equipment when needed.
- ▶ When used properly product does not represent any risk to health.
- ▶ It is most recommended to keep personal hygiene when using the product.
- ▶ Avoid any contact between product and heat source or fire.
- ▶ For further information refer to Safety Material Data Sheet.

Note

Paz Lubricants & Chemicals makes its utmost in order to secure accuracy and validity of the above information, nevertheless it is the users obligation to evaluate and use the products safely and within the scope advised in the Product Data Sheet and MSDS, and to comply with all applicable laws and regulations.