

DESCRIPTION

JUMBO HILECTRIC 1000 is specially developed for usage at Electrical Discharge Machines where fine and complex cuts are needed.

APPLICATIONS

To act as Di-electric fluid in electrical discharge machining operations generally used in tool & die and mold industry.

BENEFITS

- Reduces DC Arcing
- Bright and clear appearance provides better visibility during operations
- Low viscosity provides better rapid flushing
- Low odour

TYPICAL PROPERTIES

Characteristics	Typical
Specific Density, 15°C	0.794
Viscosity, at 40°C	1.920
Appearance	Clear
Flash Point, °C	80

PACKAGING

200 Liter – Drum



JUMBO EXCELLIUM STRAIGHT CUTTING OIL

DESCRIPTION

General purpose straight type inactive cutting fluid formulated with low-viscosity refined mineral oil and highly stable lubricity improver. Optimum for light cutting, while usable for many types of application. And chlorine free formulated.

APPLICATIONS

Standard turning, threading , gear cutting , circular and belt grinding etc.

WORK MATERIAL

Ferrous, non-ferrous metal, cast iron, common steel, etc.

BENEFITS

- **Economic machining and grinding:** Balanced detergency assists in flushing and settling of chips, and maintains machine operation without unnecessary stoppages.
- **Good precision and surface finish:** Cooling properties of the emulsion transfer heat from the cutting zone to provide dimensional accuracy of the finished work piece. Ability to work at high emulsion strengths ensures good surface finish on parts. Inhibitors minimize rust on ferrous work material.
- **Chlorine free:** More environmental friendly.

TYPICAL PROPERTIES

Characteristic	Result
Appearance	Brown
Color, ASTM D 1500	L 1.0
Density (15 ^o C) , Kg/L, ASTM D 1298	0.8728
Kinematic Viscosity (40 ^o C) , mm ² /s ASTM D 445	32
Flash Point (COC), ^o C, ASTM D 92	216
Copper Strip Corrosion (100 ^o C, 1h), ASTM D 703	1b
(150 ^o C, 1h), ASTM D 703	1b

PACKAGING

200 Liter – Drum

