

CUT-MAX SE 4

Neat Oil for Spark Erosion

DESCRIPTION

CUT-MAX SE 4 is based on hydro treated mineral oil with low aromatic content. A combination of polar, extreme pressure and anti-wear additives provide the oil with high load carrying properties. The oil provides good surface finish of the machined work pieces.

CUT-MAX SE 4 can be used with all standard electrode materials such as copper or graphite.

APPLICATIONS

CUT-MAX SE 4 is a high viscosity spark erosion oil, for roughing. The product also shows a good flushing performance in very small erosion slots. A surface roughness of 3 µm or lower is possible.

CUT-MAX SE 4 can be also used for grinding cutting tools (cemented carbide), and as low viscous spindle oil e.g. for narrow fit spindles and as magnaflux inspection oil.

RECOMMENDATION FOR USE

CUT-MAX SE 4 is used neat as supplied.

TYPICAL PHYSICAL PROPERTIES

Colour	colourless	
Specific Gravity @ 20 °C kg/m ³	820	ASTM D 4052
Kinetic Viscosity @ 40°C, mm ² /s	4	ASTM D 7042
Flash Point COC °C	120	ASTM D 92
Pour Point °C	-20	ASTM D 97
Copper Corrosion	1a	ASTM D 130

BENEFITS

- Reduced cost - long sump life
- Increased productivity - high removal rates
- Operator friendly - light colour and reduced smell.

RELATED PRODUCTS

For best results we recommend the use of the Houghton range of industrial lubricants, cleaners and corrosion protective.

For more information, please contact your local Houghton representative.

STORAGE

Please refer to section 7 of Safety Data Sheets for handling and storage information, including product shelf life. Product should be stored under cover in clean, dry conditions and protected from frost. Recommended storage temperature is usually between 5°C and 40°C unless otherwise specified. Use stock in delivery rotation.

HEALTH AND SAFETY

Safety data sheets are available in accordance with Regulation (EC) No 1907/2006 Annex II where a substance or preparation meets the criteria in accordance with Directives 67/548/EEC or 1999/45/EC.

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