

CUT-MAX SE 100

Neat Oil for Spark Erosion

DESCRIPTION

CUT-MAX SE 100 is based on aliphatic hydrocarbons with very low content of aromatics for improved working conditions. High dielectric strength and special semi conductor additives contribute to a high removal capacity.

CUT-MAX SE 100 can be used with all standard electrode materials such as copper or graphite.

APPLICATIONS

CUT-MAX SE 100 is a universal spark erosion oil which shows very good results with both rough and fine machining. Even in very small erosion slots, the product shows a good flushing performance. It also performs well in EDT machines for roller texturizing.

CUT-MAX SE 100 achieved excellent results with the eroding of nickel alloy turbine blades where reduction of cycle time of >30% has been shown versus both conventional EDM oils as well as synthetic ones.

Product has Rolls Royce CSS 142 approval

RECOMMENDATION FOR USE

CUT-MAX SE 100 is used neat as supplied.

TYPICAL PHYSICAL PROPERTIES

Colour	colourless	
Specific Gravity @ 20 °C kg/m ³	800	ASTM D 4052
Kinetic Viscosity @ 40°C, mm ² /s	2.8	ASTM D 7042
Flash Point COC °C	109	ASTM D 92
Pour Point °C	-20	ASTM D 97
Copper Corrosion	1a	ASTM D 130

BENEFITS

- Increased productivity - high removal rates
- Reduced cost - long sump life
- Secure handling - high EHS standard
- Secure handling - clean working environment

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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