

# MACRON EDM 110

Neat Oil for Spark Erosion

## DESCRIPTION

MACRON EDM 110 is based on aliphatic hydrocarbons with very low content of aromatics for improved working conditions. High dielectric strength and good flushing properties contribute to a high removal capacity.

MACRON EDM 110 can be used with all standard electrode materials such as copper or graphite.

## APPLICATIONS

MACRON EDM 110 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.

MACRON EDM 110 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.

Approved by Waldrich and Makino

## RECOMMENDATION FOR USE

MACRON EDM 110 is used neat as supplied.

## TYPICAL PHYSICAL PROPERTIES

<i>Colour</i>	<i>colourless</i>	
<i>Specific Gravity @ 20 °C kg/m<sup>3</sup></i>	800	ASTM D 4052
<i>Kinetic Viscosity @ 40°C, mm<sup>2</sup>/s</i>	2.3	ASTM D 7042
<i>Flash Point COC °C</i>	105	ASTM D 92
<i>Pour Point °C</i>	-20	ASTM D 97
<i>Copper Corrosion</i>	1a	ASTM D 130

## BENEFITS

- Increased productivity - high removal rates
- Reduced cost - long sump life
- Secure handling - high EHS standard
- Secure handling - has OEM approvals

## 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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