TECHNICAL DATA SHEET

MACRON® EDM 110

NEAT OIL FOR SPARK EROSION

MACRON® EDM 110 is based on synthetic 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 is free from Chlorine, Sulphur, Phosphorous and heavy metals (Zinc).

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

Is used neat as supplied. Sump temperatures above 50°C should be avoided.

Benefits

- Increased productivity : high removal rates
- Reduced cost : longer sump life from selected raw material
- Satisfied staff : good EHS profile, reduced smell and oil mist
- Peace of mind : approved by leading MTM (machine tool manufacturer)

Health, Safety And Handling

Please consult the Safety Data Sheet (SDS) for information on storage, safe handling and disposal. The conditions or methods of handling, storage, use and disposal of the product are beyond our reasonable control - we assume no liability for any ineffectiveness of the product or any injury or damage, arising out of or in connection with these conditions.

Typical Physical Properties

PROPERTY	TYPICAL VALUE	UNIT
Colour	colorless	
Specific Gravity @20°C	0,79	[kg/L] ASTM D4052
Kinematic Viscosity @40°C	2,4	[mm²/s] ASTM D7042
Flash Point COC	100	[°C] ASTM D92
Pour Point	-21	[°C] ASTM D97

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