

MACRON™ EDM 110

Metal Working Neat EDM Oil for Spark Erosion

DESCRIPTION

MACRON EDM 110 is based on paraffinic hydrocarbons. A very low aromatic content carry on to a good improvement of the working conditions. The product is colourless and has a very low odour.

MACRON EDM 110 is a medium viscosity universal spark erosion oil, for roughening and finishing. Also in very small erosion slots shows the product a good flushing performance.

MACRON EDM 110 shows a distinguished chemical resistance and a good filtration performance with common fine filter media.

MACRON EDM 110 can also be used with graphite and copper electrodes.

FEATURES

- Very high stability – extending the fluid life
- Good cooling properties that provide sufficient tool life and part geometry
- Chlorine free
- High dielectric strength
- Low aromatic components
- Low volatility
- Free of heavy metals

TYPICAL VALUES

Product Appearance	Clear Fluid
Copper Corrosive Test	1a
Specific Gravity @20°C	0.800 kg/L
Viscosity @20°C	3.4 cSt
Viscosity @40°C	2.3 cSt
Flash Point (COC)	105°C
Aromatic content (CA)	0.001%

HEALTH AND SAFETY

Refer to MSDS for proper handling and disposal. Please note that the MSDS includes handling, health and disposal information which should be passed on to your employees, and to anyone else who comes in contact with our product. Additional advice can also be obtained from your local Houghton representative.

NOTE: Read and understand all precautions on container labels before using this product.

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This document contains information based on data that is believed to be correct. However, the product may not be applicable to all uses and operating environments. No warranty or guarantee is expressed or implied.

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REFERENCES

MACRON EDM 110 can be used with graphite and copper electrodes.

Houghton recommends that periodic checks of **MACRON EDM 110** should be carried out .

Checks will involve:

Viscosity@40°C: 2.0-2.5 cSt (In-use)

Water Content: < 0.02% (In-use)

These can be routinely performed and organized through Houghton's Customer Service laboratory, please contact your sales representative for further information about this service.

HOW TO USE

MACRON EDM 110 should be used neat straight out of the drum.

SHELF LIFE & AVAILABILITY

Under normal conditions the recommended shelf life for **MACRON EDM 110** is a minimum of Twelve (12) months, unless otherwise specified.

MACRON EDM 110 is available in Pail, Drum or Tote. Other sizes may be available upon request , please contact your Houghton sales representative.

RELATED PRODUCTS

- CUT-MAX®: Straight cutting oils
- GARIA™: Straight cutting oils
- MACRON™: Straight cutting and honing oils
- EXCELENE™: Straight cutting and honing oils
- DASCOLENE™: Straight OEM approved cutting oils
- HOCUT®: Water miscible metalworking fluids
- DASCOOL™: Water miscible metalworking fluids
- DROMUS™: Soluble metalworking fluids
- ADRANA™: Micro-emulsion metalworking fluids
- SITALA™: Semi-Synthetic metalworking fluids
- METALINA™: Synthetic metalworking fluids
- HOUGHTO-GRIND®: Straight and water miscible grinding fluids
- HOUGHTO-DRAW®: Straight and water miscible drawing stamping and forming fluids.
- CINDOL™: Straight and water miscible drawing and forming fluids especially for Aluminium parts.
- FENELLA™: Straight and water miscible drawing, stamping and forming fluids.
- CERFA-KLEEN®: Water miscible cleaning fluids
- VIBRA-KLEEN®: Water miscible vibrating cleaning fluids
- CALLINA™: Water miscible cleaning fluids
- RUST VETO®: Straight and water miscible rust preventive fluids.
- ENSIS™: Straight and water miscible rust preventive fluids.
- COSMOLINE®: MIL-SPEC Straight and water miscible rust preventive fluids.

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