EDMOIL M

Highly Refined
Electric Discharge Machining Oil

EDMOIL M is a highly refined oil recommended for submerged ram-type electrical discharge machining of dies, molds and other complex recessed shapes.
This low viscosity oil features a high flash point, a slight odor and a natural resistance to oxidation.

Its low level of volatility provides dependable safety and minimal loss from evaporation during use.

The low dielectric constant promotes an efficient energy-to-work ratio.

The electric spark is concentrated between the electrode and workpiece for maximum metal removal, and minimum scattering and energy loss that may lead to overheating and premature oxidation. machining of dies, molds and other complex recessed shapes.

EDMOIL M designed for the finest and most delicate machining operations, particularly in small EDM units working on finishing operations where close tolerances are important.

EDMOIL M grade is additive-treated to avoid the generation of unpleasant odour in service, and to have a long service life.

- Low dielectric constant extends electrode life, and improves precision and speed of electrical energy.
- Natural resistance to oxidation extends oil life.
- High flash point allows fast and safe metal removal.
- Optimum settling action for easy filtration.
- Efficient flushing action for better surface finish.
- Transparent, essentially colorless, oil provides visibility of the workpiece.
- Unique polar lubricants improve tool life and surface finish.
- Resists foam under the most rigorous operating conditions.
- Eliminates clogging of fine orifices and valves.

EDMOIL M are approved or recommended by

•AEG-Elotherm (Elbomat)
•Charmilles
•AGIE
•Ingersoll

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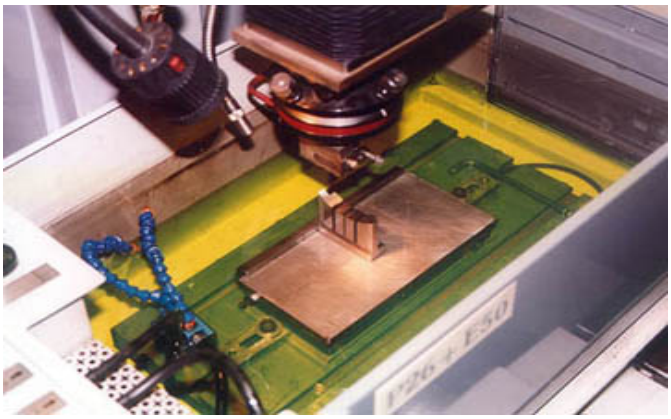
Recommended for use on all ferrous and nonferrous metals.



Density @ 15 °C		Kg/L	0.749
Flash Point		°C	76
Kin Viscosity @ 15°C		cSt	1.75
Kin Viscosity @ 100°C		cSt	1.3
Aromatic Hydrocarbon Compounds		%C	<0.1
Boiling Points			
	Initial	°C	195
	Final		230
Colour			<0.5

The above figures are typical of those obtained with normal production tolerances and do not constitute a specification.