



Dielectric Fluids that Work Better and Last Longer

EDM-500

Low Viscosity for Easy Flushing and Fast Fines Settling

EDM-500 a premium synthetic dielectric fluid for Electric Discharge Machining (EDM). The transparent, fluorescent green formula is made with only cosmetic-grade ingredients so there is virtually no skin irritation or odor.

EDM-500 lasts twice as long as mineral-oil based dielectric fluids and offers **significant savings** when compared to other synthetic dielectric fluids.

ADVANTAGES

- Premium Formulation**Made with cosmetic-grade raw materials.
- Eliminates Skin Irritation**Safer and gentler on hands and skin.
- Long Lasting Performance**.....High flash point and thermal degradation resistance.
- Low Viscosity**Easy flushing and fast fines settling.

PHYSICAL PROPERTIES

- Color** Fluorescent green
- Allowable Burn Rate** 400 amps
- Filter Compatibility** All types
- Specific Gravity** 0.80
- Viscosity at 40°C** 3.5 cSt
- Flash Point** > 210°F (99°C)
- Boiling Point** 300°F (149°C)

MATERIALS COMPATIBILITY

- Recommended** Ferrous/nonferrous metals, brass, bronze, copper & aluminum



AVAILABLE IN

- 5 Gallon Pail** 72055
- 55 Gallon Drum** 72555

ELECTRIC DISCHARGE MACHINING



Rustlick™

EDM-500

"I can see the difference in my hands since I started using Rustlick EDM-500... I have very dry skin and since switching to EDM-500 my hands have never felt better."

- Rich Plourde, ITW Highland

EDM-500 offers a unique combination of high dielectric strength and low power factor. The result is faster cutting, higher quality finishes, longer fluid life, and no unwanted current leak.

See How Rustlick EDM-500 Compares to the Competition:

Product	Hirschmann's Ionoplus 3000	Commonwealth EDM Super Supreme	Rustlick EDM-500
Dielectric Strength (kV)	17	> 55	60
Viscosity at 104°F (cSt)	2.5	3.0	3.0
Flash Point	> 212°F	> 212°F	> 212°F
Specific Gravity	0.79	0.73	0.80
Acid Value (mg KOH/g)	0.001	< 0.01	0.003
Country of Origin	Germany	Canada	U.S.A.

Rustlick also offers these high-performance EDM fluids:

EDM-250, a superior dielectric oil that resists electrode wear and thermal degradation up to 400 amps.

EDM-30, a quality dielectric oil that reduces smoking; for paper cartridge filtration up to 150 amps.

