



TECHNICAL DATA SHEET

EDM-500

Synthetic Dielectric Fluid for EDM

DESCRIPTION

EDM-500 is a premium synthetic dielectric oil for Electric Discharge Machining (EDM). The transparent, fluorescent green formula is formulated with synthetic raw materials to virtually eliminate skin irritation and is nearly odorless. It has a high flash point (210°F, 99°C) and is resistant to thermal degradation up to 400 amps.

APPLICATIONS

- Electric Discharge Machining

MATERIALS COMPATIBILITY

- Recommended for ferrous metals, aluminum, brass, bronze, and copper

PHYSICAL PROPERTIES

<i>Color</i>	Fluorescent green
<i>Allowable Burn Rate</i>	400 amps
<i>Filter Compatibility</i>	All types
<i>Specific Gravity</i>	0.80
<i>Density</i>	6.7 lbs/gal (802 kg/m ³)
<i>Viscosity at 40°C</i>	3.5 cSt
<i>Flash Point</i>	> 210°F (99°C)
<i>Boiling Point</i>	300°F (149°C)

DILUTION RATIOS

DO NOT DILUTE

AVAILABLE IN

5 gal.....	72055
55 gal.....	72555

HEALTH AND SAFETY

Refer to SDS (Safety Data Sheet) for complete information on health and safety on our web site at www.itw.com.

For additional information please contact our Customer Service Department at 800-G F E H I .