

LUBRAL EDM 110

ELECTROEROSD DIELECTRIC OIL

DESCRIPTION

Lubral EDM 110 is a highly refined, low viscosity dielectric oil that exhibits a high flash point, low odor, and high resistance to oxidation. It has a low volatility index which provides reliable safety and minimal loss of evaporation during use. The low dielectric constant promotes an efficient working power ratio. The electrical spark is concentrated between the electrode and the metal object to be worked for maximum metal removal, and minimal scattering and energy loss that can lead to premature oxidation and overheating.

BENEFITS

- High resistance to oxidation, thus extending the life of the oil.

- High Flash point which makes it a highly safe product to work with.
- High final cleaning of the pieces worked to give an excellent finish to them.
- Low color and low odor, which provides excellent visibility towards the parts being worked.
- Low foaming.
- No clogging of ports and valves.

APPLICATIONS

Recommended for use in EDM machines where electrical discharge must be controlled in the production of dies, molds and other complex hollowed-out shapes.

CHARACTERISTICS

TESTS	TEST METHOD	TYPICAL VALUE
Color	ASTM D1500	0.5
Appearance	Visual	Bright liquid
Density @20°C, g/ml	ASTM D1298	0.86
Flash point, °C	ASTM D92	150
Kinematic viscosity @40°C, cSt	ASTM D445	5.7

Typical Characteristics are those obtained with normal tolerance of production and no constitute a specification. Variations that do not affect the yield product during the normal manufacturing and on different mixing locations are expected.

Information contained in this document is held to changes without previous advisement. The availability of the products could vary depending on the location. For further information, contact venta@lubral.com