

DESCRIPTION

- **LubeRite EDM FLUID** is a high flash, low viscosity, light colored, oxidation resistant product designed for use as an electrical discharge machining fluid. It is readily filterable, non-corrosive and dissipates heat rapidly. It increases life of electrodes, speeds up production and improves quality of surface finishes, low viscosity of fluid allows metal fragments to settle out of oil before it re-circulates. LubeRite EDM fluid utilizes Gas-to-Liquid (GTL) base oils only, ensuring low volatility and almost no impurities as found in conventional base oils.

FEATURES

- Good dielectric properties provide controlled electrical discharge
- Good heat transfer quality keeps metal surfaces cool.
- High oxidation stability minimizes formation of sludge.
- High flash point reduce danger of fire

GRADES

- ISO VG 2, ISO VG 4, ISO VG 10

TYPICAL USES

- Used in EDM equipment as an electrical discharge machining oil.

CONTAINER SIZES

- 200 liter drum
- 20 liter pail

TYPICAL PROPERTIES

PROPERTY	METHOD	SPECIFICATIONS		
		EDM 2	EDM 4	EDM 10
Colour, Saybolt	ASTM Dd156	+25 min.	-15 min.	-
Density, kg/L at 15°C	ASTM D4052	0.775 typical	0.798 typical	0.8434 typical
Flash Point, COC, °C	ASTM D56	109 typical	140 typical	178 typical
Aromatics, % m/m	SMS 2728	<0.1 typical	<0.1 typical	0.3 typical
Viscosity at 25 °C, mm ² /s	ASTM D445	3.2 typical	5 typical	-
Viscosity at 40 °C, mm ² /s	ASTM D445	2.3 typical	3-4 typical	10 typical
Odour	Indirect Inspection	Typically very low	Typically very low	Typically very low