

Electric Erosion Fluid (EDM)

Electric Erosion Fluid (EDM) is a low viscosity top-caliber odorless oil, has high flash point and resistant to oxidation.

Usage

Especially developed for electric erosion machine tools In addition to this, it can be used as solvent in the manufacture of drilling mud, in aluminum rolling industry, in the production of electro-erosion fluid, in lighting as lamp oil, in metal processing sector and it can be used as catalyst carrier in chlorinated paraffin production, too.

Usage Instruction:

In electric-erosion tools, not any oil other than oil with these properties should not be used at the part of producing formed spark between workpiece and two cutting edges. When the workpiece and cutting edge are cooled by petroleum based oils containing gas oil, occurs combustion or explosion in case of emergence of spark gap due to pump failure. And experiences show that, this combustion/ explosion causes flaming the oil vapor that caused by heat. For this reason, if high flash point electric-erosion fluid is used, all kinds of safety are ensured and the efficiency is increased maximally.

Features

Easy Filtration Feature: It is easily filtered and allows the metal particles to settle to the bottom.
High Processing Performance: Thanks to its containing additive system, provides high precision machining performance.
High Rust and Corrosion Protection: Resistant to oxidation and rust formation.

Technical Specifications

Appearance	Visual	Clear, Liquid
Smell	-	Typical
*Kinematic Viscosity @40°C, cSt	ASTM D 445	1,88
*Density @15°C, g/ml	ASTM D 4052	0,7701
*Flash Point, °C	ASTM D 92	110
*Pour Point, °C	ASTM D 97	-3
*Refractive Index, @20°C	ASTM D 1218	1,4318

**Data given above are typical properties and may vary slightly.*

Performance

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