

EDM-0 Mirror Spark Plug Oil

【Product Performance】

EDM-0 Mirror Spark Plug Oil is formulated by blending highly refined, additive-free, and extremely low aromatic hydrocarbon content high-quality mineral base oil, which is used as an insulating working fluid for spark erosion metal processing. It has a high flash point, which helps to prevent the risk of fire; low volatility significantly reduces oil consumption; low viscosity facilitates the drainage of larger metal chips; free from aromatic hydrocarbons, it does not irritate the skin or emit odors, creating an ideal working environment for employees.

【Product Parameters】

Item	Typical Data	Test Method
Appearance	Clear and transparent	Visual Inspection
Flash Point (Open Cup)/°C	>110	GB/T 261
Kinematic Viscosity at 40°C/(mm ² /s)	2.5	GB/T 265
Aromatic Hydrocarbon Content, wt%	0	GB/T 1077
Acid Value mgKOH/g	<0.05	GB/T 264
Water Content	None	GB/T 260
Corrosion Test (100°C), 3h Copper Strip	Pass	SH/T 243

【Performance Features】

- High boiling point, minimizing volatile losses to the maximum extent.
- Low viscosity, excellent cleaning effect on spark plugs.
- High flash point, reducing the risk of internal fires.
- Excellent thermal stability and oxidation stability, providing long working life.
- Colorless and odorless, facilitating users to observe the working condition of spark plugs and improving the working environment.
- Extremely low aromatic hydrocarbon content, harmless to the human body.

【Application Range】

- Suitable for various types of electrical discharge machining equipment and ultra-precision machining.

【Packaging Specifications】

18L/drum, 200L/drum.