

EDM-1conventional spark plug oil

【Product Performance】

EDM-1 Conventional Spark Plug Oil is formulated by blending highly refined normal or isoalkane hydrocarbons with corresponding additives. It has a high flash point, minimizing the risk of fire incidents. With low volatility, it greatly reduces oil consumption, and its low viscosity facilitates the removal of larger metal chips. The product is free from aromatic hydrocarbons and belongs to the new generation of synthetic electrical discharge machining oils.

【Product Parameters】

Item	Typical Data	Test Method
Appearance	Clear and transparent	Visual Inspection
Flash Point (Open Cup)/°C	>105	GB/T 261
Kinematic Viscosity at 40°C/(mm ² /s)	4.5	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 Characteristics 】

- ★ High boiling point, can minimize volatilization loss;
- ★ Low viscosity, excellent cleaning effect on spark plug;
- ★ High flash point, reduce the risk of fire in the machine;
- ★ Good thermal stability and oxidation stability, long working life;
- ★ Colorless and odorless, help users observe the work of spark plugs, improve the working environment;
- ★ The aromatic hydrocarbon content is very low, harmless to the human body.

【 Packing specification 】

18L/ plastic bucket, 200L/ large iron bucket.

【 Scope of application 】

- Suitable for all types of EDM machine tools and super finishing.