

KYNOS SPARKOL

EDM Fluid

KYNOS LUBRICATION PRIVATE LIMITED

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KYNOS SPARKOL: High-Purity EDM Dielectric Fluid

KYNOS SPARKOL is a premium-grade dielectric fluid specifically designed for Electrical Discharge Machining (EDM) operations requiring high precision and reliability. Formulated with highly refined hydrotreated mineral oils, it offers excellent dielectric strength, low viscosity for efficient flushing, and a high flash point for enhanced operational safety.

Its ultra-low aromatic content ensures a cleaner working environment with minimal odor and operator discomfort.

Applications

- It is suitable for both roughing and finishing processes on hard metals like tool steel, carbide, and titanium, providing superior surface finish and extended electrode life.

Benefits

- Low Viscosity
- High Dielectric Strength
- Improved tool life and surface finish
- Low Odor & Low Aromatics
- Reduced Electrode wear
- Clear Visibility
- Excellent Oxidation Stability

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Typical Performance Data

Properties	KYNOS SPARKOL
Appearance	Clear - Transparent
Base Oil Type	Hydrotreated Mineral Oil
Density @ 15 °C	0.77 – 0.76 g/cm ³
Viscosity @ 40 °C, cSt	2.5 – 3.5 cSt
Flash Point, °C	≥ 110°C
Dielectric Strength	≥ 40 kV
Pour Point, °C	-15°C
Copper Corrosion (3hr @ 100°C)	1a (No corrosion)
Sulphur Content	Nil
Additive Type	None
Odor	Low - pleasant

*All performance data on this Technical Data Sheet are indicative only and may vary during production.