



PRODUCT DATA SHEET

VORSTAB VORSPARK

(EDM machining Oil)

Description:

VORSTAB VORSPARK is high quality electric-discharge machine oil specially formulated with highly refined narrow cut Group II base stock with excellent oxidation stability which helps to reduce oxidation products that will alter the dielectric strength of the fluid. Electric discharge machining operations are now very prevalent for difficult to machine alloys where intricate shape and precision is required. This kind of manufacturing process is preferred in Tool Rooms. These machines require very special types of oil as they should withstand the stringent requirement of EDM process and VORSPARK has been designed to meet their requirement. It is a clear, transparent, non-toxic and virtually odourless dielectric fluid. Its low viscosity and high flash point that reduces the possibility of fire hazard. It has an allowable burn rate up to 150 amps and should be used only with paper cartridge filters. The low viscosity of the fluid provides good circulation through the spark gap and more rapid removal and settling of metal fines.

Features & Benefits:

Features: VORSPARK is recommended for use in dielectric fluid in finish-cut electrical discharge (Spark Erosion Machining operations). It is also use in electrical discharge machining in tool and die shops and manufacture of electronics extrusions, air-craft components, hardware, tools, fasteners, silverware cutlery, jewellery, appliances, valves and regulators. It is a grinding fluid in glass grinding operation.

Benefits:

- Excellent flushing property
- High Di-Electric strength
- Narrow Boiling range
- Non -Reactive
- Good heat dissipation property

Applications:

- ✓ Recommended for all types EDM Machining process
- ✓ Recommended for all Ferrous metals & NonFerrous Metals



	Cast Iron	Low-Medium Carbon	High Carbon Steel	Aluminium Alloys	Yellow Metals
EDM Machining	✓	✓✓	✓✓	✓✓	✓✓

Typical Properties:

Sr. No	Properties	Test Method	Specifications
1	Appearance	Visual	Clear water white
2	Colour	visual	Colourless
3	Specific Gravity	ASTM D 1298	0.83
4	Flash Point	ASTM D-92	110°C
5	K. Viscosity @ 40 ° C	ASTM D-445	2.5- 3.5
6	Dielectric strength, KVA	IS-6792	45
7	Foaming	IP-62	Nil

Note: The above data is typical & does not constitute a specification. The information provided is not to be taken as a warranty or representation for which we assume no legal responsibility, nor as permission or recommendation to practice any attended location or otherwise. It is solely offered for your consideration, investigation and verification. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

VORSTAB INDIA SPECIALITIES

Manufactured By: Mark Speciality India Pvt. Ltd.

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