

DESCRIPTION

Servospark oils are used as the working fluid in Electrical Discharge Machining (EDM), also called as Spark erosion machining. These oils have the ability to provide uniform insulation and then to permit controlled electrical discharge at the breakdown voltage.

Servospark Oils function as an insulator between tool & work-piece, a spark conductor, a coolant and a flushing medium for Chip removal.

APPLICATION

Servospark Oils are used for insulation in between the tool and the work-piece as a special di-electric fluid. Servospark oils are meeting the requirements for insulation and control di-electric discharge during electric discharge machining operations. The low viscosity of the product provides good circulation through the spark gap and more rapid removal and settling of metal fines. Recommended for plunge or ram electrical discharge machining and Glass grinding.

PERFORMANCE BENEFITS

Servo spark oils is having :

- Proper balance of Viscosity and volatility
- High oxidation stability
- Excellent Heat Transfer Characteristics.
- Low odour and toxicity
- High Flash Point
- High Die-electric strength
- Excellent filterability

CHARACTERISTICS

PRODUCT	SERVO SPARK 2	SERVO SPARK 3
Appearance	Clear liquid	Clear liquid
Kinematic Viscosity @ 40 Deg C, cSt	2.0 – 3.0	3.0 – 4.0
Flash Point, COC, Deg C. Min.	90	110
Acid Number, mg/KOH gm, Max	0.1	0.05
Density @ 29.5 deg. C, in gm/ml	0.816	0.824

HEALTH & SAFETY

These oils are unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of industrial and personal hygiene are maintained.

For further information please contact our nearest office OR:

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