



Electro-Discharge Machining Fluid.

APPLICATIONS

- **DIEL 9565 S** is a light viscosity, light colored, odorless fluid designed for Electro Discharge machining operations. It is non-corrosive both to the workpiece and equipment and is non-hazardous to operators.
- **DIEL 9565 S** is recommended for all EDM applications including rough machining, semi-finishing, and finishing operations. It is used for complex profiles with particularly tight tolerances and accurate dimensions.
- **DIEL 9565 S** is used in a wide range of applications requiring a mineral seal oil, such as non-ferrous metal machining, steel grinding, glass, and ceramic grinding and cutting.

ADVANTAGES

- Very low volatility.
- High flash point.
- Excellent resistance to oxidation.
- Non-hazardous and non-toxic.
- Excellent resistance to oxidation.
- Very low aromatics content.

TYPICAL CHARACTERISTICS	METHODS	DIEL 9565 S
Appearance	Visual	Water White Liquid
Viscosity at 40°C, cSt	ASTM D 445	4.5 - 6.0
Density @ 60 °F, lbs./gal.	ASTM D 1298	7.09
Specific Gravity @ 60/60 °F	ASTM D 1298	0.850
Flash Point, COC, °F	ASTM D 92	309
Sulfur Content, ppm	ASTM D 4927	10
Pour Point, °F	ASTM D 97	10
Dielectric Strength, KV		46.0
Copper Corrosion, 3h @ 100°C	ASTM D 130	1A - 1B

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