

DIEL MS 5000-S



METALWORKING



Fluids for spark erosion metal working.

APPLICATIONS

Electrical discharge
machining oil

- **DIEL MS 5000-S** is the one generally used for both rough machining and finishing.
- **DIEL MS 5000-S** fluid is recommended by many spark erosion equipment manufacturers as: Agie, Charmilles, Krupp-Nassovia.

ADVANTAGES

Good operating
reliability

- **DIEL MS 5000-S** is very fluid petroleum product whose very narrow distillation range is particularly suitable for spark erosion work.
- Very low volatility.
- High flash point.
- Excellent resistance to oxidation.
- Absence of toxic elements.

TYPICAL CHARACTERISTICS DIEL MS 5000-S

Color (ASTM D 1500)	0.0
Color, Saybolt (ASTM D 156)	+30
Specific gravity @ 60/60°F (ASTM D 1298)	0.809
Viscosity at 40°C, cSt (ASTM D 445)	3.8
Flash point, COC, °F (°C) (ASTM D 92)	275 (135)
Aniline point, (ASTM D 611)	186 (86)
Ash content	Nil
Distillation (ASTM D 86)	
Initial boiling point	506 (263)
90% point	589 (309)

TOTAL Lubricants USA Southwest

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Diel MS 5000-S Oil
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