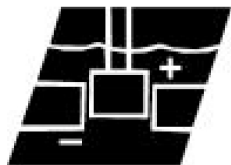


DIEL MS 5000-S



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 25°C, cSt (ASTM D 445), calculated | 6.6* |
| 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, Inc.

Diel MS 5000-S Oil
Sheet updated: 11/12/2013

5 North Stiles Street
Linden, NJ 07036
908.862.9300 or 800.323.3198
www.totallubricantsusa.com

TOTAL Lubricants USA with a policy of continuous improvement, reserves the right to change specifications as our technology progresses.
We are not responsible for the misuse and/or misapplication of our products. MSDS are found at on our web site.