



Metalworking

DIEL 7500 IN



Premium grade Spark Erosion (EDM) fluid

PRODUCT PROFILE



- DIEL 7500 IN is a unique blend of refined hydrocarbon and carefully selected additives. The superior electrical resistivity ensures the focused stream of electrons thus making the material removal process more precise in EDM operation.

APPLICATIONS

- Used in tool room, die making, aeronautical and defense industries to attain precision in machining.
- Used for the lubrication of high speed spindle bearing, grinder, lathes, Jig borers and tracer mechanism.
- Used for both rough & super finishing operation.

ADVANTAGES

- **Minimized sludge and carbon deposits helps to attain superior surface finish.**
- **Reduces fire hazard** due to higher flash point base fluid, which avoids thermal cracking and burning.
- **Improves material removal rate** due to its low surface tension
- **Enhances the life of filter due** to its faster settling character.
- **Operator and environment friendly** due to low volatility as the amount of vapor generated during operation is almost negligible.

Typical Characteristics	Reference Methods	DIEL 7500 IN
Appearance	Visual	Clear, colourless liquid
Density at 29.5°C	ASTM 1298	0.776
Flash point, COC, °C	ASTM D 92	110
Viscosity @ 40 c, cSt	ASTM D 445	2.0
Aromatics, % by weight	Internal	0.1

Above characteristics are typical values given as an information.

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