

CUT EL

Product code: 265403301

Dielectric fluid

This product is a low viscosity transparent oil designed for use in electro-discharge machines (EDM). It is formulated with highly refined paraffinic base stock and contains additives which improve dielectric strength and prevent oxidation.

Applications

The product is recommended for use in EDM working on finishing operations where very close tolerances are important.

Product is designed to have low electrode wear and good cooling properties.

It can also be used in machining and grinding when such a type of oil is required.

Benefits & Advantages

- Good flushing, cooling and lubricating properties.
- Low foaming
- Improved tool life and surface finish
- Good skin compatibility
- Improved productivity
- Environmentally friendly

Typical Performance Data

Typical	Test Method	Value
Odour	-	Odourless
Colour	-	Colourless
Density @ 20 °C, gr/ml	ASTM D4052	0.76
Viscosity @ 40 °C, cSt	ASTM D445	2.2
Copper corrosion	ASTM D 048	None
Steel corrosion	ASTM E 937	None
Flash point, °C	ASTM D 93	100
Distillation, °C	ASTM D 86	240-250
Volatile components @ 230 °C, %	ASTM D 86	<1
Aromatic Components	UV Spectrum	Almost none

All performance data on this Technical Data Sheet are indicative only and can vary during production.