

# CUT ELX

Product code: 265403401

## State-of-the-art synthetic dielectric fluid

This product is a low viscosity green transparent oil designed for use in electro-discharge machines (EDM). This product is formulated with a highly refined synthetic 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.
- Longer life because of the use of special refined synthetic base stocks (no break down as seen in normal mineral oils)
- Low foaming
- Improved tool life and surface finish
- No impact on operators
- Greater efficiency in metal removal resulting in Improved productivity.
- Optimal distribution of discharges because of the unique formulation
- Environmentally friendly

## Typical Performance Data

Typical	Test Method	Value
Odour	-	Odourless
Colour	-	Fluorescent green
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.