

MWF-PLUS NT CO DI-ELEC 50

NEAT/PURE METALWORKING FLUIDS

325403401



STATE-OF-THE-ART SYNTHETIC DIELECTRIC FLUID

This particular product is a green transparent oil with low viscosity, intended for use in electro-discharge machines (EDM). It is composed of a highly refined synthetic base stock and enriched with additives that enhance its dielectric strength and protect against oxidation. This product is highly recommended for use in electro-discharge machines (EDM) during finishing operations that require exceptionally close tolerances. It is formulated to minimize electrode wear and deliver superior cooling properties. Furthermore, it can also be utilized for machining and grinding processes that demand this type of oil.

CATEGORY

- Metalworking Fluids

BENEFITS

- Good flushing, cooling and lubricating properties
- Longer life as a result 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 as a result of the unique formulation
- Environmentally friendly

PROPERTY	METHOD	VALUE
Odour		Odourless
Colour		Fluorescent green
Density @ 20 °C, kg/dm ³	ASTM D4052	0.76
Viscosity @ 40 °C, mm ² /s	ASTM D445	2.2
Copper corrosion	ASTM D4048	None
Rust test	ASTM E 937	None
Flash point, °C	ASTM D93	100
Distillation, °C	ASTM D86	240-250
Volatile components @ 230 °C, %	ASTM D86	<1
Aromatic components	UV Spectrum	Almost none

All data on this technical data sheet is indicative only

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