



THE LEADING EDGE

## EDM FLUIDS – TECHNICAL BROCHURE

Erodex supplies three EDM dielectric fluids - Fluid A, EDM 244, and EDM Super Supreme - each engineered to optimise stability, insulation, flushing efficiency and accuracy.

### Fluid A

- Low viscosity ideal for fine finishing and small cavities.
- Supports efficient flushing and filtration.

### EDM 244

- Low evaporation rate significantly reduces fluid losses.
- Odourless, low-aromatic formulation.
- Higher oxidation stability for longer fluid life.

### Super Supreme

- Ultra-refined formulation, highest safety and operator comfort.
- Resistant to skin defatting.

Property	Fluid A	EDM 244	Super Supreme
Viscosity @40°C	2.1 Cst	2.45 Cst	3.0 Cst
Flash Point	77°C	>115°C	130°C
Initial Boiling Point	197°C	>250°C	>250°C
Odour	Faint	Odourless	Odourless

### Consequences Of Poor Fluid Maintenance

- Reduced spark stability and accuracy.
- Increased electrode wear.
- Poor surface finish due to contamination.
- Higher risk of thermal damage and sludge formation.