

An EDM fluid for metalworking.

## DESCRIPTION & APPLICATIONS

Roughing and finishing operations by electrical discharge machining.

A fluid aimed at electrical discharge machining operations with any types of electrode (graphite, tungsten, copper-based alloys).

Also suitable for specific lapping and polishing operations using an abrasive belt.

**OIL FORM FE 1000** has received ONA validation for use on their die-sinking EDM machines.

## ADVANTAGES

- No chlorine
- No aromatics
- Odourless and colourless
- Very low volatility
- Dielectric strength perfectly suited to all types of material removal (roughing and finishing).
- Inert to yellow metals
- Inert to machine constituents
- High flash point for greater safety during use and when in storage.
- Meets PMUC requirements (sulfur and halogen content < 200 ppm)

Characteristics	Standards	Units	Values
Appearance / Colour	-	-	Colourless fluid
Density at 20°C	NFT 60-101	kg/m <sup>3</sup>	762
Kinematic viscosity at 40°C	NFT 60-100	mm <sup>2</sup> /s	2
COC flash point	NFT 60-118	°C	>121

*The characteristics are given purely for information and are consistent with our current production standards. IGOL reserves the right to modify them, in order to pass on technical developments to its customers. Before using this product, you should consult the instructions for use and the environmental impact shown on the technical and safety data sheets. The information given above is based on the current state of our knowledge of the product in question. The product user should take all relevant precautions relating to its use. Under no circumstances may IGOL be held liable for damages resulting from misuse.*

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