

LOGAMOL EDM 2

Electric Discharge Machine Fluid

LOGAMOL EDM 2 Fluid is a universal dielectric fluid use in Electrical Discharge Machining applications.

LOGAMOL EDM 2 is blend of synthesized hydrocarbon exhibits excellent thermal and oxidation stability, which results in long fluid life. It has a high flashpoint, allowing for fast and smooth metal removal and lower risk of fire, permits close tolerances, efficient cooling, and effective particle flushing.

LOGAMOL EDM 2 Fluid is suitable for all operations from the finest finishing processes to the most effective rough cut.

Typical Applications

In EDM:

- Mould & Die making
- Shape dies in carbide or steel
- EDM relief in cold heading tooling
- Tapping holes in carbide or steel
- Producing engraved electrodes

Benefits

- Odorless – Better Worker Comfort
- Medium surface tension, ensure low foam and good cleaning properties
- Low viscosity ensures excellent penetration
- Crystal clear in color ensures good observation of actual metal removal process especially useful for manual process
- Excellent ageing stability due to the synthetic base oil and anti-oxidant

Advice for Usage

- EDM Fluid must be constantly filtered, cooled and re-circulated. A great deal of heat is generated during the EDM process and the dielectric absorbs the most of it. Additionally the process creates a lot of debris and this needs to be filtered out of the system.

Typical Properties

Characteristics	Test Method	Value
Color	Visual	Clear
Viscosity @ 25°C, cSt	D445	2.25
Flash Point	D92	>65°C
Surface Tension, mN/m		25

Packaging

18 liters pail & 209 liters drum.

Customer Advice

For further assistance on product MSDS, recommendation or technical queries, please liaise with the regional technical services engineer or contact HQ technical engineers.