

EASYCUT EDM601

UNIVERSAL DIELECTRIC FLUID FOR EDM MACHINING



The universal dielectric fluid (oil) EDM601 is designed for EDM processing on die-sinking machines, as well as on wire-cutting machines using oil technology. It is suitable for roughing, semi-finishing, and finishing Electroerosion machining of steels, hard alloys, and non-ferrous materials. Mixing is possible without consequences with some other dielectrics incl. Blaser SOREPI LM and Blasospark GT250.

COMPOSITION FEATURES

Low content of aromatic hydrocarbons (weak odor)

PRODUCT PROPERTIES AND ADVANTAGES

- High flash point at low viscosity (safe operation)
- Excellent cooling and washing properties
- Low tendency to vaporization and evaporation
- Reliable electrical insulation properties (processing with small gaps and high current density)
- Protection of electrodes from wear
- Excellent surface roughness after treatment
- Good filterability, high resistance to aging and oxidation
- Low corrosion activity to the materials of the electrode and the workpiece, compatible with machine components

TECHNICAL DATA

- Appearance: Colorless, transparent
- Density at 15 °C, kg/m³: 817
- Kinematic viscosity at 40 °C, mm²/s: 2.3
- Flash point, °C: 102
- Corrosion of copper (3 hours / 100 °C): 1a (light initial staining)

RECOMMENDATIONS AND FEATURES

- Designed for roughing and finishing operations in die-sinking EDM machines.
- Product is not water-soluble; ensure proper ventilation as per MSDS.
- Outstanding flushing behavior supports the efficient removal of erosion debris.

SHELF LIFE AND STORAGE CONDITIONS

Stable for 12 months when stored at a temperature of 5 to 40 °C in unopened containers.

COMMENTS

- Minor variations in color and appearance are possible due to the raw materials chosen. However, these have no influences on the functionality of the product.
- All information on safe and proper handling can be found on the MSDS
- Made in Germany

Full **EASYCUT**
metalworking-fluids
portfolio:



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The technical data are representative values.
All recommendations are without obligation.

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