

EASYCUT EDM601

UNIVERSAL DIELECTRIC OIL FOR EDM MACHINING

The universal dielectric fluid (oil) EDM601 is intended for electroerosive 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. Truly eco-friendly (renewable raw materials).
- Low corrosion activity to the materials of the electrode and the workpiece, compatible with machine components.

TECHNICAL DATA

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

RECOMMENDATIONS AND FEATURES

Mixing is possible without consequences with some other dielectrics incl. Blaser SOREPI LM and Blasospark GT250.

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.

EASYCUT EDM601 at www.cncmarket.ca

SHELF LIFE AND STORAGE CONDITIONS

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



Designed in Germany

Import to Canada: CNCmarket.ca, 1144 Legacy Cir SE, Calgary, AB, Canada

The technical data are representative values. All recommendations are without obligation. We reserve the right to change the contents of this document without prior notice.