



MATRAX ELECTROMECC SINTESIS

Description

Synthetic-based dielectric fluid for electrical discharge machining operations.

Application

Especially developed for EDM machines.
It facilitates electrical discharge and cools the equipment as well as the part.
Developed to quickly eliminate electrical discharges resulting from electrical discharge machining processes.

Technical characteristics

Low viscosity: facilitating easy settling of debris
Cooling power: allowing rapid cooling of the equipment and the part
Colourless and odourless: prevents the development of stains on yellow metals and is also free from sulphur and aromatic compounds
Low evaporation rate: due to its narrow boiling range
High flash point: preventing the generation of fumes
Excellent stability: that ensures extended service intervals



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Technical information

Parameter	
Saybolt color (ASTM D 156)	30
Kinematic viscosity @40°C (cSt) ASTM D 445	2,4
Density a 15°C (g/cm ³) ASTM D 1298	0,824
Flash point (°C) ASTM D 92	102
Vapour pressure at 20 °C (kPa) ASTM D 323	0,002
Autoignition temperature (°C) ASTM E 659	>230
Boiling interval (°C) ISO 3405	230-275
Aromatics UV (ppm)	max. 100

Approvals and Recommendations

All packaging must be stored in covered facilities. In cases where outdoor storage is unavoidable, the drums should be placed horizontally to prevent the possible infiltration of water, as well as their deformation. Products should not be stored above 60°C, exposed to direct sunlight or low temperatures. We advise you to read the safety data sheet carefully for more information on its use and handling.