



EROSION FLUIDS

ADDINOL EROSION FLUID ED 2 L

PRODUCT DESCRIPTION

ADDINOL Erosion fluid ED 2 L is a de-aromatized low viscosity mineral oil raffinate with very low aromatic content and good dielectric properties. The product is chemically stable against high stress due to discharges and against the effect of air, temperature and contamination.

DELIVERY

Delivery preferable in drums.

APPLICATION

- Excellent suitability as an insulation, cooling and flushing medium in electrical discharge devices
- Particularly suitable for electrical discharge machining of metals, such as in tool and mould construction and for engraving
- Universally used for smoothing and roughing

CHARACTERISTICS

- High degree of purity
- Small boiling range
- Low viscosity
- Very low aromatic content
- Good dielectric properties

ADVANTAGES AND BENEFITS

- Problem-free filtration in common filtration systems
- Low removal loss
- Good rinsing and cooling ability
- Low evaporation tendency and odourless
- Extensive prevention of the risk of arcing





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SPECIFICATIONS AND TYPICAL PARAMETERS

Feature	Test condition / Unit		Erosion fluid ED 2 L	Method acc. to
Density	at 15°C	kg/m ³	817	DIN EN ISO 12185
Viscosity	at 40°C	mm ² /s	2.3	DIN EN ISO 3104
Flash point	COC	°C	102	DIN EN ISO 2592
Pour point		°C	< -20	DIN ISO 3016
Corrosion effect on copper	3h at 100°C	Corr. grade	1 a	DIN ISO 2160
Boiling range		°C	230	ASTM D 86

ADDINOL - The Experts for High-Performance Lubricants

We at ADDINOL develop and produce more than 600 high-performance lubricants of the new generation. Among these are automotive lubricants for highest demands and pioneering developments for industrial applications. Our customers all over the world benefit from the high and stable quality of our ADDINOL high-performance lubricants, our know-how and the individual customer advisory service of our competent experts. Our company has world wide activities. ADDINOL high-performance lubricants are distributed by more than 90 international partners.

The data given in this product sheet represent our current level of knowledge and experience. Due to the various specific application they do, however, not discharge the user from his own examination. The information provided herein may not be used to derive a legally binding warranty of specific properties or the suitability for a certain purpose of application. Detailed security-concerning and toxicological data as well as security instructions for each product can be taken from the corresponding Material Safety Data Sheets (MSDS). High-performance lubricants from ADDINOL are under continuous development. Therefore, ADDINOL Lube Oil GmbH keeps the right to change technical data in this product data sheet without notification. In case of doubt, please do not hesitate to contact our customers' advisory service.