



Shell Macron EDM 110

Neat spark erosion oil

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Applications

Shell Macron EDM 110 is universal spark erosion oil with very good results for both rough and fine machining.

Even in very small erosion slots the product shows a good flushing performance.

Shell Macron EDM 110 can also be used for grinding of carbide cutting tools, as belt grinding oil for aluminium or as a crack testing oil.

Performance Features and Benefits

Shell Macron EDM 110 is based on paraffinic hydrocarbons. A very low aromatic content carry on to a good improvement of the working conditions. The product is colourless and has a very low odour.

The high dielectric strength and good flushing properties contribute to a high removing capacity.

Shell Macron EDM 110 shows a distinguished chemical resistance and a good filtration performance with common fine filter media.

Shell Macron EDM 110 can be used with graphite and copper electrodes.

Characteristics

- very low aromatic components
- high flash point
- very mild odour
- low evaporation
- high dielectric strength

Storage

The product should be stored inside (5-40°C) for no more than 2 years and be protected from freezing.

Health & Safety

Guidance on Health and Safety are available on the appropriate Material Safety Data Sheet, which can be obtained from your Shell representative.

Typical physical values

	Shell Macron EDM 110
Density at 20 °C in kg/m ³ (DIN EN ISO 12185)	800
Kinematic Viscosity at 40 °C / 20 °C in mm ² /s (ASTM D 7042)	2,3 / 3,4
Flash point in °C (ASTM D 93)	105
Pourpoint in °C (DIN EN ISO 3016)	< -21

These characteristics are typical of current production. Whilst future production will conform to Shell's specification, variations in these characteristics may occur.