

# Shell MACRON® Oil EDM 130

## High quality electrical discharge machining oil

Shell MACRON® Oil EDM 130 is a premium dielectric fluid meeting the requirements for insulation and controlled dielectric discharge during electric discharge machining operations. Shell MACRON® Oil EDM 130 is formulated with a highly refined, narrow cut paraffinic base stock.

### Performance Features and Benefits

- Mild odor
- Relatively high flash and low viscosity
- Outstanding oxidation resistance helps reduce the formation of oxidation products that will alter the dielectric strength of the fluid
- High dielectric strength provides insulation of the tool and workpiece and helps control electric discharge during machining operation
- Excellent filterability

### Main Applications

- Plunge or ram electrical discharge machining
- Glass grinding

Advice on applications not covered in this handbook may be obtained from your Shell representative.

### Handling and Safety Information

For information on the safe handling, storage, or use of this product, refer to its Material Safety Data Sheet at <http://www.epc.shell.com/>. If you are a Shell Distributor, please call 1+800-332-6457 for all of your service needs. All other customers please call 1+800-237-8645 for all of your service needs.

### Protect the Environment

Do not discharge into drains, soil, or water.

### Typical Physical Characteristics

	Method	Shell MACRON® Oil EDM 130
Appearance		Water White
Odor		Mild
Viscosity, cSt @ 40 °C	ASTM D 445	3.45
Gravity, °API @ 60 °F	ASTM D 1298	44.1
Pour Point °F	ASTM D 97	5
Flash Point, COC, °F	ASTM D 92	275

*These characteristics are typical of current production. While future production will conform to Shell specifications, variation in these characteristics may occur.*