



## Ilocut EDM 180

High performance Electric Discharge Machining Fluid

### Description

Castrol Ilocut™ EDM 180 is a low viscosity mineral oil based high performance electric discharge machining (EDM) fluid, designed to enable optimum rates of metal removal, together with low electrode wear, good surface finish and fine tolerances.

It is especially formulated to provide exceptional performance in all spark-erosion applications.

### Application

Ilocut EDM 180 is recommended for use on all ferrous and non ferrous metals. It can be used in electric discharge machines of all sizes and is equally suitable for roughing as well as finishing operations.

### Advantages

- Low viscosity ensures good cooling and flushing action in narrow spark gaps
- Low odour and light colour result in greater operator acceptability
- Lower aromatics result in a safe and pleasant work environment
- Excellent filterability and high oxidation stability ensures long service life

### Typical Characteristics

Name	Method	Units
Appearance	Visual	
Viscosity st 40°C	DIN 51562	mm <sup>2</sup> /s
Viscosity at 100°F	ASTM D 446	SUS
Density at 15°C	DIN 51757 ASTM D 1298	
	Calculated	lbs/gal
Flash Point, PMCC	ISO 2719	°C
	ASTM D 93	°F
EDM copper corrosion	ISO 2160 ASTM D 130	

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