



Product Data

## Ilocut EDM 200

High performance Electric Discharge Machining Fluid

### Description

Castrol Ilocut™ EDM 200 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 200 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
- Very low odour and light colour result in greater operator acceptability
- Very low aromatics result in a safe and pleasant work environment
- Excellent filterability and high oxidation stability ensures long service life

### Typical Characteristics

Name	Method	Units	Ilocut EDM 200
Appearance	Visual		Clear, transparent
Viscosity @ 40°C	DIN 51562	mm²/s	2.0
Viscosity@ 100°F	ASTM D 446	[SUS]	32.5
Density @ 15°C	DIN 51757 ASTM D 1298	kg/m³	767
	Calculated	lbs/gal	6.39
Flashpoint PMCC	ISO 2719	°C	103
	ASTM D 93	°F	217
Copper corrosion	ISO 2160 ASTM D 130	3 hr at 100°C	1b
Aromatic Content	DIN 51378	%	0.3 max

## Additional Information

**To avoid product deterioration, keep the container/drum tightly sealed always. Prevent any frost and water ingress. Store it in a cool and dry place away from direct sunlight. It is preferable to store the product indoors always.**

**For more details, please refer the product safety data sheet.**

Ilocut EDM 200

14 Mar 2019

Castrol, the Castrol logo and related marks are trademarks of Castrol Limited, used under licence.

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by either BP plc or its subsidiaries for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. You should consult our local representative if you require any further information.

Castrol (UK) Limited, PO BOX 352, Chertsey Road, Sunbury On Thames, Middlesex, TW16 9AW  
Orders/Enquiries: 0345 9645111 Technical Enquiries: 0345 082 1719  
[www.castrol.com/industrial](http://www.castrol.com/industrial)