



Ilocut EDM 401

High performance Electric Discharge Machining Fluid

Description

Castrol Ilocut™ EDM 401 is a medium 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 401 is recommended for use on all ferrous and non ferrous metals. It is designed for large electric discharge machines and is particularly suited for roughing operations where high rate of metal removal is required.

Advantages

- Optimum 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		Clear, transparent
Viscosity at 40°C	DIN 51562	mm ² /s	3.2 - 4.6
Viscosity at 100°F	ASTM D 446	SUS	36.5 – 41.2
Density at 15°C	DIN 51757 ASTM D 1298		807 min
	calculated	lbs/gal	6.72 min
Flashpoint PMCC	ISO 2719	°C	120 min
	ASTM D 93	°F	248 min
Ilocut EDM 401 Copper corrosion 10 Nov 2016	ISO 2160 ASTM D 130		1b

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