

Castrol Ilocut 510 MP

Multi-purpose neat cutting oil

Description

Castrol Ilocut™ 510 MP is a chlorine and heavy-metal free, multi-purpose neat cutting oil. Formulated from highly refined base oils, it can also be used as a hydraulic oil confirming to ISO 6743/4 Type HM and DIN 51502 Class HLP-D specification.

Castrol Ilocut 510 MP is suitable for large central systems and single sump machines.

Application

Castrol Ilocut 510 MP is designed for grinding, drilling and general machining of ferrous as well as non-ferrous materials. It does not contain active sulphur and is hence compatible with yellow metals as well.

Advantages

- Truly multipurpose – spent hydraulic oil can be used as a neat cutting oil thereby reducing overall cost
- Excellent detergency and dispersancy properties preventing residues or deposits on work piece
- Low viscosity and excellent wetting characteristics reduce drag out and result in lower product usage
- Good filtering characteristics and high oxidation stability increases product lifetime
- Our chlorine and heavy-metal free formulation improves the environmental profile and reduces disposal costs

Typical Characteristics

Properties	Standard	Unit	Data
Appearance	Visual	Visual	Yellow
Viscosity @ 40°C	DIN 51582 ASTM D 445	mm ² /s	10
Density @ 15°C	DIN 51757 ASTM D 1298	kg/m ³	850
Flashpoint COC	ISO 2592	°C	145
	ASTM D 92	°F	290
Copper corrosion	ISO 2160 ASTM D 130	3 hr at 100°C	1a

	ester	active sulphur	inactive sulphur	phosphorous	calcium	chlorine	zinc
Additives				✓			

Storage

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.

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