



Product Data

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

Name	Test Method	Unit	Ilocut 510 MP
Appearance	Visual		Yellow
Specific Gravity @ 15°C / 59°F	ASTM D1298 / ISO 3675	kg/m ³	850
Kinematic Viscosity @ 40°C / 104°F	ASTM D445 / ISO 3104	mm ² /s	10
Flash Point - open cup method	ASTM D92 / ISO 2592	°C/°F	145 / 290
Copper corrosion (3 hrs@100°C/212°F)	ASTM D130 / ISO 2160	Rating	1a

Additional Information

	Ester	Active Sulphur	Inactive Sulphur	Phosphorous	Calcium	Chlorine	Zinc
Additives				ü			

Storage

To avoid product deterioration always keep the container/drum tightly sealed. Store the product in a cool, dry place away from direct sunlight. Prevent exposure to frost and avoid water ingress. For optimum product stability, it is preferable to store the product indoors between 5°C and 45 °C / 41°F and 113°F.

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

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