

Castrol Ilocut 532 MP

Multi-purpose neat cutting oil

Description

Castrol Ilocut™ 532 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 conforming to ISO 6743/4 Type HM and DIN 51502 Class HLP-D specification.

Castrol Ilocut 532 MP is suitable for large central systems and single sump machines.

Application

	Cast Iron	Low-medium alloyed steel	High alloyed steel /nickel-chromium alloys	Titanium alloys	Aluminium alloys	Yellow metals
Honing/ Super finishing						
Grinding						
Drilling						
Broaching/ Gear manufacturing						
General machining	✓	✓			✓	✓

Castrol Ilocut 532 MP is designed for 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
- 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	32
Density @ 15°C	DIN 51757 ASTM D 1298	kg/m ³	870
Flashpoint COC	ISO 2592	°C	205
	ASTM D 92	°F	400
Copper corrosion	ISO 2180 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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