



## Ilocut 534 B

High performance neat cutting oil

### Description

Castrol Ilocut™ 534 is a neat cutting oil.

### Application

Ilocut 534 B is designed for high performance drilling of ferrous metals. Suitable for broaching and gear cutting. Ilocut 534 B contains active sulphur and is not compatible with yellow metals.

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

◦◦◦ core application ◦◦ recommended application ◦ suggested application, please consult Castrol representative

### Advantages

- Advanced additive technology gives high extreme pressure (EP) lubricity properties and lowers production costs through extended tool life
- Improved surface finish and increased cutting speeds leads to improvement of process efficiency

## Typical Characteristics

Properties	Standard	Unit	Data
Appearance	Visual		Amber
Viscosity @ 40°C	DIN 51562	mm <sup>2</sup> /s	16
Density @ 15°C	DIN 51757 ASTM D 1298	kg/m <sup>3</sup>	902
Flashpoint COC	ISO 2592	°C	>150
Copper corrosion	ISO 2160 ASTM D 130	3 hr at 100°C	4c

## Additional Information

	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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