

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.

ü ü suggested core application ü possible application, please consult Castrol representative prior to use

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

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 ² /s	16
Density @ 15°C	DIN 51757 ASTM D 1298	kg/m ³	895
Flashpoint COC	ISO 2592	°C	>150
Copper corrosion	ISO 2160 ASTM D 130	3 hr at 100°C	4c

Subject to usual manufacturing tolerances.

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.

Ilocut 534 B

18 Feb 2019

Castrol, the Castrol logo and related marks are trademarks of Castrol Limited, used under licence.

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Material Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by either BP plc or its subsidiaries for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. You should consult our local representative if you require any further information.

Castrol Industrial, Technology Centre , Whitchurch Hill , Pangbourne , Reading , RG8 7QR , United Kingdom

<http://msdspds.castrol.com>