



Ilocut 534

High performance neat cutting oil

Description

Castrol Ilocut™ 534 is a medium viscosity, chlorinated, high performance neat cutting oil.

Application

Ilocut 534 has been designed for drilling and deep hole drilling of steels, stainless steel and difficult steel alloys such as inconel. This product 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						
Grinding						
Drilling	ü ü	ü ü	ü ü			
Broaching / Gear manufacturing	ü ü	ü ü	ü			
General machining	ü ü	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
- Economic product suitable for a wide range of machining applications

Typical Characteristics

Test	Method	Unit	Ilocut 534
Specific Gravity @ 15°C	ASTM D1298	kg/m³	886
Appearance	Visual	-	Amber
Kinematic Viscosity @ 40°C	ASTM D445	mm²/s	15
Flash Point - open cup method	ASTM D92	°C	>150
Copper corrosion (3 hrs@100°C/212°F)	ASTM D130 / ISO 2160	Rating	4c

Typical Physical Characteristics

	Ester	Active Sulphur	Inactive Sulphur	Phosphorous	Calcium	Chlorine	Zinc
Additives	ü	ü	ü	ü	ü	ü	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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25 Apr 2017

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