

Ilocut 334 A

High performance neat cutting oil

Description

Castrol Ilocut 334 is chlorine and heavy-metal free neat cutting oil.

Application

Ilocut 334 A is designed for grinding, drilling and general machining of cast iron and high alloyed steels. This product contains active sulphur and is not compatible with yellow metals.

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

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

Advantages

- Advanced additive technology gives high extreme pressure (EP) lubricity properties and helps to lower production costs through extended tool life
- Improved surface finish and increased cutting speeds can lead to improvement of process efficiency
- Our chlorine and heavy-metal free formulation improves the environmental profile and reduces disposal costs
- Low viscosity and excellent wetting characteristics reduces drag out and results in lower product usage

Typical Characteristics

Properties	Standard	Unit	Data
Appearance	Visual		Yellow
Viscosity @ 40°C	DIN 51562 ASTM D 445	mm ² /s	14
Density @ 15°C	DIN 51757 ASTM D 1298	kg/l	0.888
Flashpoint COC	ISO 2592 ASTM D 92	°C	170
Copper corrosion	ISO 2160 ASTM D 130	3 hr at 100 °C	4c

Subject to usual manufacturing tolerances.

Additional Information

	ester	active sulphur	inactive sulphur	phosphorous	calcium	chlorine	zinc
Additives	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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