



Ilocut 155

High performance neat cutting oil

Description

Castrol Ilocut™ 155 is a chlorine and heavy-metal free neat cutting oil.

Application

Ilocut 155 is designed for general machining of ferrous and non ferrous alloys.

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
Broaching					ü ü	ü ü
Gear manufacturing	ü	ü	ü		ü ü	ü ü
General machining	ü ü	ü ü	ü		ü ü	ü ü

Advantages

- Advanced additive technology gives high extreme pressure (EP) lubricity properties and helps to lower production cc through extended tool life
- Improved surface finish and increased cutting speeds may lead to improvement of process efficiency
- Our chlorine and heavy-metal free formulation improves the environmental profile and can reduce disposal costs
- Multi-metal compatibility provides opportunity for product consolidation

Typical Characteristics

Properties	Standard	Unit	Data
Appearance	Visual		Amber
Viscosity @ 40°C	DIN 51562 ASTM D 445	mm ² /s	37
Density @ 29,5°C	DIN 51757 ASTM D 1298	kg/l	0.865
Flashpoint COC	ISO 2592 ASTM D 92	°C	>150
Copper corrosion	ISO 2160 ASTM D 130	3 hr at 100 °C	1b

Subject to usual manufacturing tolerances.

Additional Information

	ester	active sulphur	inactive sulphur	phosphorous	calcium	chlorine	zinc
Additives	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.

Illocut 155
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