



Product Data

Ilocut™ 5721

High performance neat cutting oil

Description

Castrol Ilocut™ 5721 is a chlorine and heavy-metal free neat cutting oil.

Application

Ilocut 5721 is designed for general machining of ferrous and non-ferrous metals. This product can be used as a dual purpose oil for machine lubrication and cutting oil, in screw machine applications.

	Cast Iron	Low - med alloy steel	High alloy steel/ nickel chromium alloys	Titanium	Aluminum	Yellow metals
General Machining	√	√	√	√	√	√

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
- Multi-metal machining using our superior additive technology provides opportunity for product consolidation
- Dual-purpose oil suitable for use in the lubricants side of machine tools
- Our chlorine and heavy-metal free formulation improves the environmental profile and can potentially reduce disposal costs

Typical Characteristics

Name	Method	Units	Ilocut 5721
Appearance	Visual	-	Clear amber oil
Viscosity @ 100F	CN-TM-101	SUS	135 - 145
Specific Gravity @ 15C	CN-TM-084	g/ml	0.931 - 0.936
Flash Point, COC	CN-TM-039	°F	330 - 350
Copper Corrosion, 3hrs @ 100C	CN-TM-020	-	1B

Typical Physical Characteristics

	Ester	Sulphur	Phosphorus	Calcium	Chlorine	Zinc
Ilocut 5721	√	-	-	√	-	-

Storage

To avoid product deterioration always keep the container/drum tightly sealed. For optimum product stability, store between 5°C/41°F and 45°C/113°F in a cool, dry place away from direct sunlight. Prevent exposure to frost and avoid water ingress. It is preferable to store the product indoors.

For more details, please refer to the product safety data sheet.

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