



Ilocut 170

High performance neat cutting oil

Description

Castrol Ilocut™ 170 is a chlorinated, heavy metal free neat cutting oil.

Application

Ilocut 170 is mainly designed for gun drilling of ferrous and non-ferrous metals. It can be further used for honing and general machining application.

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

- ◡ ◡ ◡ core application
- ◡ ◡ recommended application
- ◡ suggested application, please consult Castrol representative

Advantages

- Advanced additive technology gives high lubricity properties and lowers production costs through extended tool life.
- Excellent wetting characteristics reduce drag out and result in lower product usage.
- Multi-metal machining using our superior additive technology provides opportunity for product consolidation.
- Good filtering characteristics and high oxidation stability increases product lifetime.

Typical Characteristics

Properties	Standard	Unit	Data
Appearance	Visual		Dark Brown
Viscosity @ 40°C	DIN 51562	mm ² /s	12
Density @ 15°C	DIN 51757 ASTM D 1298	kg/m ³	860
Flashpoint COC	ISO 2592	°C	>130
Copper corrosion	ISO 2160 ASTM D 130	3 hr at 100°C	1b

Storage

All packages should be stored under cover. Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing condition.

To avoid product deterioration, keep the container/drum tightly sealed always. Prevent any frost and water ingress. Store it in a cool and dry place away from direct sunlight. It is preferable to store the product indoors always. For more details, please refer the product safety data sheet.

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