



Ilocut 402

High performance neat cutting oil

Description

Castrol Ilocut 402 is chlorine and heavy metal free multi-purpose neat cutting oil with no added sulphur. It is suitable for use in large central systems and single sump machines.

Application

Ilocut 402 is designed for grinding, drilling and general machining of ferrous as well as non-ferrous materials. It is suitable for small high speed single spindle automatics machining aluminium, brass, and other non ferrous metals. It does not contain active sulphur and is hence compatible with yellow metals as well.

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

Advantages

- Multi-metal compatible and multi-operation helps consolidate product on shop floor
- Improved surface finish and increased cutting speeds leads to improvement of process efficiency
- Our chlorine and heavy metal free formulation improves the environmental profile and reduces disposal costs
- Good filtering characteristics and high oxidation stability increases product lifetime

Typical Characteristics

Name	Method	Units
Appearance	Visual	
Viscosity at 40°C	DIN 51562	mm ² /s
Density at 15°C	DIN 51757	
Flashpoint, COC	ISO 2592	°C
Copper corrosion	ASTM D130	

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