

Castrol Ilocut 226

High performance neat cutting oil

Description

Castrol Ilocut™ 226 is a chlorine free neat cutting oil.

Application

Ilocut 226 is designed for light duty broaching, gear manufacture and general machining of steel, non-ferrous metals and aluminium alloys.

	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	✓	✓	✓		✓	✓

Advantages

- Advanced additive technology gives high lubrication 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
- Our chlorine free formulation improves the environmental profile and reduces disposal costs

Typical Characteristics

Properties	Standard	Unit	Data
Appearance	Visual	Visual	Light Yellow
Viscosity @ 40°C	DIN 51562	mm ² /s	25.4
Viscosity@ 100°F	ASTM D 446	[SUS]	121.7
Density @ 15°C	DIN 51757 ASTM D 1298	kg/m ³	872
	Calculated	lbs/gal	7.26
Flashpoint COC	ISO 2592	°C	190
	ASTM D 92	°F	374
Copper corrosion	ISO 2160 ASTM D 130	3 hr at 100°C	1b

	ester	active sulphur	inactive sulphur	phosphorous	calcium	chlorine	zinc
Additives	✓	✓	✓	✓	✓		✓

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Castrol Limited, Pipers Way, Swindon, Wiltshire SN3 1RE, UK
www.castrol.com/industrial