



Product Data

Honilo 171

High performance neat cutting oil

Description

Castrol Honilo™ 171 is a chlorinated, heavy-metal free neat cutting oil.

Application

Honilo 171 is designed for honing and grinding of ferrous and yellow metals. The product can be further used for wide range of application for 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		ü ü	ü ü		ü ü	ü ü
Grinding		ü ü	ü ü	ü ü	ü ü	ü ü
Drilling		ü ü	ü ü	ü ü	ü ü	ü ü
Broaching/ Gear manufacturing		ü	ü		ü ü	ü ü
General machining		ü ü	ü ü		ü ü	ü ü

Advantages

- Superior additive technology leads to extremely high cutting and grinding efficiencies and helps to increase tool life, improve surface finish and lower overall operating costs
- Low viscosity and excellent wetting characteristics reduce drag out and result in lower product usage
- Good filtering characteristics and high oxidation stability helps to increase product lifetime
- Multi-metal machining using our superior additive technology provides opportunity for product consolidation

Typical Characteristics

Properties	Standard	Unit	Data
Appearance	Visual		Dark brown
Viscosity @ 40°C	DIN 51562	mm²/s	12
Density @ 15°C	DIN 51757 ASTM D 1298	kg/m³	857
Flashpoint COC	ISO 2592	°C	> 130
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	+		+			+	

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.

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20 Feb 2017
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Castrol Industrial, Technology Centre , Whitchurch Hill , Pangbourne , Reading , RG8 7QR , United Kingdom
<http://msdspds.castrol.com>