



Honilo 984

High performance neat cutting oil

Description

Castrol Honilo™ 984 is chlorine free low viscosity neat cutting oil, which is sulphur and heavy metal free. It is especially formulated with a unique combination of ester and lubricity additives to optimise machining performance, enhance surface finish and lower the overall operating costs.

Application

Honilo 984 has been designed for honing and superfinishing of ferrous and non-ferrous materials. It can also be used for grinding applications, drilling and general machining of aluminium and yellow metals.

Honilo 984 does not contain active sulphur and is compatible with yellow metals.

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

Advantages

- Low odour, light colour and low mist result in operator acceptability
- Low viscosity and excellent wetting properties reduces drag out and results in lower product usage
- Excellent flushing and lubrication properties extend honing stone life and enables high surface finish and dimensional accuracy
- Good filtering characteristics and high oxidation stability increase product lifetime
- Our chlorine and heavy metal free formulation improves the environmental profile and reduces disposal costs

Typical Characteristics

Name	Method	Units	
Appearance	Visual		Yellow
Viscosity at 40°C	DIN 51562	mm ² /s	4.4
Viscosity at 100°F	ASTM D 446	SUS	40.6
Density at 15°C	DIN 51757 ASTM D 1298		836
	Calculated	lbs/gal	6.96

Name	Method	Units	
Flashpoint PMCC	ISO 2719	°C	> 130
	ASTM D 93	°F	> 266
Copper corrosion	ISO 2160 ASTM D 130		1b

Additional Information

	ester	active sulphur	inactive sulphur	phosphorous	calcium	chlorine	zinc
Additives							

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