



Honilo 930

High performance neat cutting oil

Description

Castrol Honilo™ 930 is a chlorine free low viscosity neat cutting oil which is sulphur and heavy metal free.

Application

Honilo 930 has been designed for honing and superfinishing of ferrous and non-ferrous materials. It can also be used for grinding and light duty general machining of aluminium and yellow metals.

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

Advantages

- Excellent flushing and lubrication properties extend honing stone life and enables high surface finish and dimensional accuracy
- Low viscosity and excellent wetting properties reduce drag out and results in lower product usage
- 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
- Low odour and light colour result in operator acceptability

Typical Characteristics

Name	Method	Units	
Appearance	Visual	Visual	Light Yellow
Viscosity at 40°C	DIN 51562	mm ² /s	3.9
Viscosity at 100°F	ASTM D 446	SUS	39
Flashpoint COC	ISO 2592	°C	> 125
	ASTM D 92	°F	> 257
Density@ 15°C	ASTM D1298	g/ml	0.82
Copper Corrosion	ISO 2160 ASTM D 130		1a

Subject to usual manufacturing tolerances.

Additional Information

	ester	active sulphur	inactive sulphur	phosphorous	calcium	chlorine	zinc
Additives				ü			

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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