



Honilo 909

High performance neat cutting oil

Description

Castrol Honilo™ 909 is a chlorine and heavy metal free neat cutting oil.

Application

Honilo 909 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.

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	Aluminum alloys	Yellow Metals
Honing / Superfinishing	ü ü	ü ü	ü		ü ü	ü ü
Grinding	ü ü	ü	ü		ü ü	ü ü
Drilling					ü ü	ü ü
Broaching						
Gear manufacturing						
General machining	ü ü				ü ü	ü ü

Advantages

- Excellent flushing and lubrication properties extend honing stone life and enables high surface finish and dimensional accuracy.
- Multi-metal compatible and multi-operation helps consolidate product on shop floor.
- 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	Test Method	Unit	Honilo 909
Appearance	Visual	-	Yellow
Density @ 15°C / 59°F	ASTM D1298 / ISO 12185	kg/m ³ - lbs/gal	857 - 7.13
Kinematic Viscosity @ 40°C / 104°F	ASTM D445 / ISO 3104	mm ² /s	8.7
Flash Point - open cup method	ASTM D92 / ISO 2592	°C/°F	152 / 305
Copper corrosion (3 hrs@100°C/212°F)	ASTM D130 / ISO 2160	Rating	1b

Typical Physical Characteristics

	Ester	Active Sulphur	Inactive Sulphur	Phosphorous	Calcium	Chlorine	Zinc
Additives	ü		ü	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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08 Dec 2014
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