

Castrol 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.

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

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

Properties	Standard	Unit	Data
Appearance	Visual	Visual	Yellow
Viscosity @ 40°C	DIN 51562	mm ² /s	8.7
Viscosity@ 100°F	ASTM D 446	[SUS]	54
Density @ 15°C	DIN 51757	kg/m ³	857
	ASTM D 1298		
	Calculated	lbs/gal	7.13
Flashpoint COC	ISO 2592	°C	152
	ASTM D 92	°F	305
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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