



# Honilo 919

High performance neat cutting oil

## Description

Castrol Honilo™ 919 is a chlorine and zinc free, low viscosity neat cutting oil.

## Application

Honilo 919 has been designed for honing and superfinishing operations in the bearing industry for ferrous and non-ferrous materials.

	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 ü
Grinding						
Drilling						
Broaching						
Gear manufacturing						
General machining						

ü ü suggested core application ü possible application, please consult Castrol representative prior to use

## Advantages

- Excellent flushing and lubrication properties can help to extend honing stone life and enables high surface finish and dimensional accuracy
- Low viscosity and wetting properties can reduce drag out and results in lower product usage
- Good filtration characteristics increase product lifetime
- Low odour and light colour helps to improve operator acceptability
- Chlorine and zinc free which may help you to fulfil aspects of legislative requirements and waste treatment requirements where applicable

## Typical Characteristics

Properties	Standard	Unit	Data
Appearance	Visual		Yellow
Viscosity @ 40°C	DIN 51562 ASTM D 445	mm <sup>2</sup> /s	2.6
Density @ 15°C	DIN 51757 ASTM D 1298	kg/l	0.82
Flashpoint COC	ISO 2592 ASTM D 92	°C	101
Copper corrosion	ISO 2160 ASTM D 130	3 hr at 100 °C	1b

Subject to usual manufacturing tolerances.

## 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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19 Dec 2017  
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