

## Honilo 974

High performance neat cutting oil

### Description

Castrol Honilo™ 974 is a chlorine and heavy metal free low viscosity neat cutting oil especially formulated with a combination of ester and ashless anti-wear additive to help to optimise machining performance, enhance surface finish and lower the overall operating costs.

### Application

Honilo 974 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 ü
Grinding	ü	ü	ü		ü	ü
Drilling					ü	ü
Broaching/ Gear manufacturing						
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 reduces 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 can help to improve the environmental profile and reduces disposal costs
- Low odour, light colour and low mist result in operator acceptability

## Typical Characteristics

Properties	Standard	Unit	Data
Appearance	Visual		Yellow
Viscosity @ 40°C	DIN 51562 ASTM D 445	mm <sup>2</sup> /s	4.3
Density @ 15°C	DIN 51757 ASTM D 1298	kg/l	0.83
Flashpoint COC	ISO 2592 ASTM D 92	°C	125
Copper corrosion	ISO 2160 ASTM D 130	3 hr at 100 °C	1b

Subject to usual manufacturing tolerances.

## Additional Information

	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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