

Honilo 981

High performance neat cutting oil

Description

Honilo™ 981 is a chlorine free low viscosity neat cutting oil, which is sulphur and heavy metal free.

Application

Honilo 981 is designed for honing and superfinishing of ferrous and non-ferrous metals. It can also be used for grinding applications, drilling and general machining of aluminium and yellow metals.

	Cast iron	Low-medium alloyed steels	High alloyed steels/ nickel-chromium alloys	Aluminium alloys	Yellow metals
Honing/superfinishing	✓	✓	✓	✓	✓
Grinding	✓	✓	✓	✓	✓
Drilling	-	-	-	✓	✓
General machining	-	-	-	✓	✓

Advantages

- Excellent flushing and lubrication properties extend honing stone life and enable high surface finish and dimensional accuracy
- Low viscosity and excellent wetting characteristics 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 improves the environmental profile and reduces disposal costs
- Low odour, light colour and low mist result in operator acceptability

Typical Characteristics

Test	Method	Unit	Value
Kinematic viscosity @ 40°C	ASTM D445	mm ² /s	4.9
Density @ 15 °C	ASTM D1298	kg/m ³	827
Flash point (COC)	ASTM D92	°C	> 125
Copper corrosion (3h@ 100 °C)	ASTM D130	-	1a

The above figures are typical of those obtained with normal production tolerance and do not constitute a specification.

Storage

All packages should be stored under cover. Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and the obliteration of drum markings.

Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

Castrol Honilo 981

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