

Castrol Honilo 988

High performance neat cutting oil

Description

Castrol Honilo™ 988 is a chlorine free low viscosity neat cutting oil, which is sulphur and heavy metal free.

Application

Honilo 988 is designed for honing and superfinishing of ferrous and non-ferrous metals to provide in process corrosion protection in the bearing industry. 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	Aluminium alloys	Yellow metals
Honing/Superfinishing	✓	✓	✓	-	✓	✓
Grinding	✓	✓	✓	-	✓	✓
Drilling	-	-	-	-	✓	✓
Broaching/Gear manufacturing	-	-	-	-	-	-
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 increases 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

Properties	Standard	Unit	Data
Appearance	Visual	Visual	Yellow
Viscosity @ 40°C	DIN 51562	mm ² /s	4,5
Viscosity@ 100°F	ASTM D 446	[SUS]	45
Density @ 15°C	DIN 51757	kg/m ³	822
	ASTM D 1298		
	Calculated	lbs/gal	6,89
Flashpoint COC	ISO 2592	°C	146
	ASTM D 92	°F	> 255
Copper corrosion	ISO 2160	3 hr at 100°C	1b
	ASTM D 130		

	ester	active sulphur	inactive sulphur	phosphorous	calcium	chlorine	zinc
Additives	+	-	-	+	+	-	-

Storage

To avoid product deterioration, keep the container/drum tightly sealed always. Prevent any frost and water ingress.

Store it in a cool and dry place away from direct sunlight. It is preferable to store the product indoors always. For more details, please refer the product safety data sheet.

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