



Product Data

Castrol Honilo 980™ Environmental Friendly Neat Honing Oil

Description

Low viscosity neat, chlorine and sulphur free honing oil containing moderate levels of ester lubricity additive. Suitable for the machining of hardened and nitrided steels with carborundum or diamond stones. Can also be used successfully on general machining operations on aluminium alloys and light duty ferrous materials. Ideal product for shave grinding operations often found in gear finishing processes.

Application

Suitable for honing steel, hardened steel, nitrided steel and hard chromed components with carborundum or diamond stones. Also suitable for machining aluminium and aluminium alloys, other non-ferrous metals and to machine glass.

Also suitable for honing non-ferrous metals with ceramic or bakelite bonded carborundum or silicon-carbide stones as well as metal bond diamond stones.

Advantages

Versatile can be used for a variety of materials and other light duty operations. Low viscosity leads to minimal drag out and consequent top up Chlorine free formulation.

Characteristics

Test	Method	Typical values
Appearance	BAM 300	Bright & Clear
KV@ 40 °C,cSt	IP 71	5
Copper Corrosion (@ 100 °C, 1hr)	IP 154	1b
Flash point	IP 34	125
Sp Gravity @ 29.5 °c	Internal	0.83
Pour point ° c	IP 15	- 6

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