



CHAMPION Professional Grade HONING OIL

Champion Honing Oil is a high-performance honing and finishing fluid designed with a select blend of base fluids and additives. Added anti-oxidant protection and low-odor extreme-pressure additives provide excellent performance for honing ferrous alloys, provide corrosion protection and are safe for use with yellow-metals.

Low viscosity chlorine-free neat oil containing a high level of ester lubricity additive to impart excellent surface finish on machining of hardened steels and nickel alloys. Can also be used in super finishing applications, utilizing stones rather than tapes.

Recommended for honing of toughened steels, nickel alloys and to achieve particularly good finishes in short stroke, micro-finishing operations on tough materials like bearing steel. It is also applicable to fine machining of steel and non-ferrous metals as well as light drawing and stamping operations. Also suitable for honing non-ferrous metals with ceramic or bakelite bonded carborundum or silicon carbide stones as well as metal bond diamond stones.

High lubricity ensures longer tool life, higher work speeds and better finish quality. Our low-odor solvent technology effectively flushes the work surface off in abrasives without the noxious smell of kerosene-based fluids.

- Suitable for wide range of workshop applications
- Excellent lubricity
- High performance anti-foam agents
- Low odor and low color
- Yellow-metal safe
- Excellent solvency
- Rapid flushing action of fine swarf
- Elimination of surface glaze-up on honing stones
- Compatible with sulphur containing honing stones
- Versatile- can be used on honing and super finishing operations
- Approved by Honing Machine manufacturers
- Excellent cooling properties.
- Chlorine free

TYPICAL PROPERTIES:

Appearance	Clear Amber
Specific Gravity	0.90
Flash Point, COC, °F	>240
Pour Point, °F	+20
Viscosity cSt @40°C	4-8
Sulfur, Active	Present
Chlorine	None
Phosphorus	Present
Lubricity	Present



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Effective 06/15

CHAMPION BRANDS, L.L.C. › 1001 GOLDEN DRIVE › CLINTON, MO 64735
ORDER DESK 800-821-5693