

MOTOROL HONOIL HONING OIL

Introduction:

MOTOROL Honoil is very light viscosity oil possessing excellent lubrication properties. This oil also possess extra fluidity properties thereby ensuring quick and thorough cleaning action. This oil ensures good surface finish.

Applications:

MOTOROL Honoil grades are useful for operations like turning, drilling, tapping of aluminium alloys and also for certain mechanizing operations of ferrous and non ferrous metals for good lubricity and flushing action to remove metallic burrs.

Advantages:

- ◆ Light Viscosity.
- ◆ Excellent Lubricating characteristics.
- ◆ Avoid stone glazing.
- ◆ Gives longer life to honning stone.
- ◆ Resists carbon formation on the rotating parts
- ◆ Excellent wetting characteristics
- ◆ (Honoil EP): High level ester lubricity additive to impart excellent surface finish
- ◆ (Honoil EP, ES₁): Chlorine and heavy metal free, making it environmentally friendly
- ◆ (Honoil EC₂): Chlorinated oil, which is Sulphur and heavy metal free

Performance Standard: Proprietary Grade

Typical Specifications:

Characteristics	Test Method	ES ₁	EP	EC ₂
Flash Point °C, Min	ASTM D92	150	120	220
Kinematic Viscosity at 40 °C (cSt)	ASTM D445	7-9	32	46
Ash Sulphate (%), Max	ASTM D874	0.01	0.01	0.01
Copper Corrosion 3 Hrs at 100°C, Max	ASTM D180	1B	1B	1B
Chlorine				✓
Ester		✓	✓	✓
Phosphorus			✓	

Environment, Health & Safety:

Every care has been taken to ensure the accuracy of the information in this PDS. This however may be affected by subsequent improvement in product (R&D). MSDS is available for all MOTOROL products on request. MOTOROL products are unlikely to present any health and safety hazard with proper use for the correct application and maintain proper personal hygiene. Do not spill oils on the shop floor, discharge into drains, ground or water sources.