

125LV Honing Oil Low Viscosity

Honing Oil Low Viscosity is a very low odor, chlorine free, heavy-duty, active sulfur base low viscosity oil that is designed for the honing and super-finishing of ferrous and certain non-ferrous metals such as nickel and aluminum and aluminum alloys.

Honing Oil Low Viscosity is particularly recommended for use in the honing of engine blocks and cylinders and can also be used for general cutting, screw machine, tapping, reaming and grinding applications.

Honing Oil Low Viscosity contains a unique extreme pressure and lubricity additive system and fatty oil additive that work synergistically to provide this performance:

Advantages

- Maximum cutting rates and abrasive life when honing difficult materials such as stainless steel
- Prevention of welding and tearing of the work piece
- Prevention of pick-up and galling
- Excellent surface finishes
- Prolonged abrasive and honing stone life
- Prevention of load-up on the honing stones
- Excellent flushing of swarf to improve critical tolerances and finishes
- Prevention of load-up by keeping the hones clean
- Low viscosity and excellent wetting characteristics to reduce drag-out
- Low odor and low misting

Typical Properties

Appearance	Light yellow-amber
Specific Gravity, 60°F/15°C	0.902
Viscosity, 100°C cSt (ASTM D445)	3.0
% Active Sulfur (ASTM D1662)	2.2 minimum
% Fatty Oil (FTIR)	6 minimum