

# “The Solution Is Science®”

Formulating advanced chemistry and lubricant solutions for the metalworking industry. Products proven to improve manufacturing performance, part quality and cost savings!

CUTTING OILS



Consultant Lubricants, Inc

## 3220 Honing Oil

### Extreme Pressure

- 1) Consistent Ra Performance** - 3220 contains a high concentration of Extreme Pressure Additives (EP) to prevent chips from welding to the abrasive tool during honing. Lesser quality oils generate random, deep scratches producing larger roughness averages during honing operations.
- 2) Prevent Loading & Keep Abrasive Tool Clean** - Light viscosity base oils combined with high lubricity additives keeps abrasive tool clean. Preventing embedded metals from loading the abrasive, provides improved surface finishes and extends tool life.
- 3) Prevent Stone Damage** - Excellent flushing properties keeps stones clean. This helps prevent metallic particles from re-welding to the workpiece and scratching the leading edge of the abrasive.
- 4) Prevent Catastrophic Welding To Workpiece** - Prevents catastrophic welding of tool to workpiece especially when honing soft materials.

Consultant Lubricant's series of advanced honing oils were developed to substantially reduce temperatures and remove metallic fines during high speed grinding and honing applications.

These products assist operators in maintaining desired Roughness Average micro finishes while providing excellent tool protection and increased stone life.

This series of products can be used in central systems or directly at the machine. Rated superior in categories of stability, Ra finishes, odor level, carry off and Operator acceptance.

Required project data including your metal material, target finish, degree of work severity and tool or machine used will help us determine the best product for your needs.

*Request A Trial Sample and Prove It For Yourself!*

