

# “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!

DIE CASTING



Consultant Lubricants, Inc

## 6725 Plunger Lube

*Oil-Based - Die Cast Release Coating*

- 1) Heat** - Constant cooling is required when die casting to minimize tool wear and to maintain proper plunger interface tolerance.
- 2) Solder** - The high temperatures associated with die casting are susceptible to forming solder where the molten metal meets the die steel.
- 3) Tip Build-up** - A clean running mixture reduces tool wear and part porosity.
- 4) Die Release** - critical to a parts appearance and precise casting.

Consultant Lubricants offers both oil-based and water-based plunger (shot tip) lubricants for the die casting industry. **6725 Oil-Based Plunger Lubricant** enhances the casting finish and reduces casting porosity. It provides protection especially for steel as well as beryllium copper tips to increase production.

**6730 Water-Based Plunger Lubricant** is formulated particularly to perform well with steel plunger applications, but is also an excellent product for beryllium copper tips.

#### Benefits:

Economic solution, bright casting finish, superior lubrication characteristics with protection for steel and copper beryllium tips. To achieve optimum performance from all die lubricants it is very important that preventive maintenance be performed on lubrication equipment.

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

