



CONSULTANT LUBRICANTS, INC.

"The Solution Is Science®"

University of Missouri Research Park
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Consultant Lubricants, Inc. has been developing custom lubricant formulations and manufacturing advanced metalworking fluids for over forty years.

6725-DLS Die Casting Plunger Lube



"The Solution Is Science"®

Top 4 Die Casting Challenges... and the Solution! 6725-DLS

- 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.

THE ADVENTURES OF GEORGE & RALPH

Ralph, what are you learning about die casting?

Always keep your lure out of the weeds.

I'm talking about casting molten metal!

I'm more of a Heavy Metal guy, George.

Luckily, CLI knows what we need to run our operation.

I know, cause sometimes you confuse people.



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.

price per gallon			
\$36.85	\$35.85	\$33.85	\$33.85
1 GAL	5 GAL	55 GAL	275 GAL

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