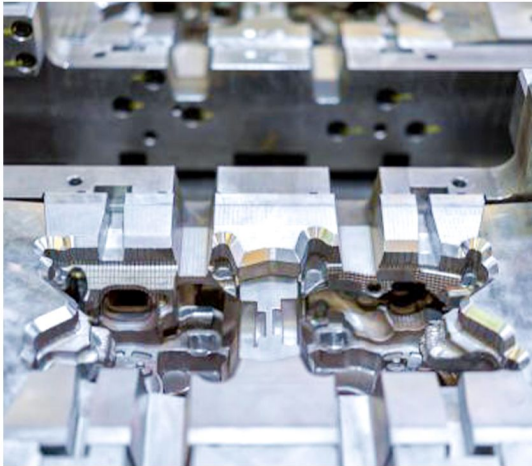



## Aluminum Die Casting

# Brighter and Cleaner Die Casted Products



### Industry Expertise

Resource One has extensive experience in aluminum die casting lubrication and metalworking industry lubrication, ensuring that lubrication issues are thoroughly investigated and properly addressed. Speak with our lubrication experts for consultation on your machine lubrication and maintenance now.

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### Challenge

A die casting company producing parts for various industries such as for computers, telecommunications, and automotives suffered from a high amount (10%) of rejected casted parts due to dull appearance.

### Our Solutions

Resource One's team of lubrication experts assessed their process and recommended the use of **Quaker Die Slick 4513** - a synthetic die lubricant able to produce **bright and clean castings** due to its **Smart Polymer Technology**. The technology makes use of a reactive polymer blend that forms a tough barrier on hot areas of the die, while lightly coating cooler, less demanding areas. This translates to reduced soldering, enhanced release and wetting characteristics that produces bright and clean castings.

### Impact

The company was able to produce shinier and brighter casted parts lowering the number of rejected casted parts from 10% to only 3%. Additionally, concentrated die lubricant consumption was reduced since less release agent is needed to prepare the die lube (dilution ratio increased from 1:40 to 1:100)

### Product Information

Quaker Die Slick 4513 is a reactive polymer-containing synthetic lubricant used for automotive, heavy equipment, electronic, and consumer goods industries.