



## Product Information

### GP-863 Carbo-Lube®

Genesee Polymers' *GP-863 Carbo-Lube®* is a high performance lubricant for use in a wide variety of Aluminum casting applications as well as some Magnesium and Zinc applications. GP-863 exhibits unusually good wetting properties up to 900°F. This exceptionally good high temperature wetting means that GP-863 cools hotspots faster which leads to shorter cycle times and less solder buildup. GP-863 is also specifically designed to give a good surface finish that is free of staining or lubricant buildup that can cause a loss of dimensional accuracy.

The high performance characteristics of GP-863 make it a highly cost effective solution for many applications. GP-863 is typically diluted up to 1.25% (80:1) with soft water prior to use. Some of the typical properties are listed below:

TYPICAL PROPERTIES	
Appearance	Opaque, White Liquid
Weight/Gallon	8 lbs.
Specific Gravity	.99
% Active	20% (Weight)
Diluent	Water

**INNOVATIVE POLYMER TECHNOLOGY**

## APPLICATIONS

GP-863 has shown superior results in a wide range of Aluminum die casting applications as well as some Magnesium and Zinc applications. Whereas most die casting lubricants begin to fail at die temperatures above 700°F, GP-863 continues to perform up to 900°F. This aspect of the product makes it especially useful for thick-walled, heavy weight castings such as automobile power train components.

## PROCESSING AND SAFETY GUIDELINES

As with any contaminant, it is recommended that GP-863 residues should be removed from surfaces prior to painting or bonding for best results. However, if removal is not complete, residue of GP-863 is not known to cause fisheyes, orange peel or similar effects. For safety information, refer to Safety Data Sheet.

## PACKAGING/HANDLING/STORAGE

*GP-863 Carbo-Lube*<sup>®</sup> is supplied in 5-gallon (40 lbs.), 55-gallon (440 lbs.) and 330-gallon (2640 lbs.) totes. Do not freeze. Do not store above 100° F.



[www.gpclubricants.com](http://www.gpclubricants.com)

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