



# PRODUCT SPECIFICATION REPORT

High-Performance Lithium Grease is a multi-service fully synthetic oil-based grease. This grease provides the extended long service at continuously high operating temperatures and extreme pressure operations. This lithium complex soap and poly alpha olefin (PAO) base oil combination provides extended life in sub-zero temperatures.

## HIGH-PERFORMANCE LITHIUM GREASE

PROD. #3106



### FEATURES/BENEFITS:

Synthetic PAO Base Oil	Suitable for high speed bearings running under different operating conditions
Superior Oxidation Resistance and Rust Protection	Extends equipment life in corrosive environments. The specialized additives present protect equipment from chemical oxidation rust and corrosion
Synthetic Oil Formulation	Allows for low temperature applications
Outstanding Extreme Pressure Protection	Provides effective wear protection for ball joints, drive shafts and other parts subjected to high pressure and shock loads
Excellent Water Resistance	Works effectively for extended periods of time under water ingress and in dusty/harsh environments

### APPLICATIONS:

Recommended for high speed bearings at normal temperatures and medium speed bearings in colder climates. Effective in applications such as kiln car, wheel bearings, roller bearings, oven door hinges, pellet mill beatings, slag bed shaker bearings, oil and natural gas drilling, various manufacturing applications, and other industrial processes.

### COMPANION PRODUCTS:

All-Purpose Lithium Grease, Pipe Dope/Anti-Seize, Morado Super Cleaner, Enviro 2000, Brake Wash, Brake Flush, Cherry Bomb, Reach

### SPECIFICATIONS:

NLGI Grade (ASTM D-217)	2
Worked Penetration (ASTM D-217)	285
Thickener Type	Lithium complex
Color	Blue
Texture	Smooth, buttery, tacky (peanut butter texture)
Base Oil	Poly Alpha Olefin (PAO)
Temperature Range	-40° to 350°
Rust Prevention D-1743 Rating	PASS
Dropping Point (ASTM D-2265)	500°F
4-Ball Weld Load (ASTM D-2596)	315 Kgf
Timken OK Load (ASTM D-2509)	40 lbs

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### PACKAGING:

10 x 14 oz Cartridges—310604  
 40 x 14 oz Cartridges—310601  
 15 lb Pail—310615  
 40 lb Pail—310634  
 120 lb Keg—310642