



PERFORMANCE PLUS OILS AND LUBRICANTS
 PERFORMANCE UNDER THE MOST EXTREME CONDITIONS



AUTOMOTIVE ENGINE | AUTOMOTIVE DRIVELINE | HEAVY DUTY ENGINE | HEAVY DUTY DRIVELINE | HYDRAULIC | GEAR OILS | GREASES | INDUSTRIAL LUBRICANTS | ANTIFREEZE

HI-TEMP LITHIUM (NLGI 1 & 2) GREASES

Performance Plus® Hi-Temp Lithium Grease was developed to protect the moving parts of over-the-road trucks while meeting or exceeding GC-LB standards for lubrication. Lithium Complex Hi-Temp Grease is ideal for use in heavy-duty Over-the-Road equipment and light duty Off-Highway applications. Our Lithium Complex Hi-Temp Grease begins with quality base stocks that provide excellent performance over a wide range of temperatures. Our polymer package reduces oil separation and stays in application longer while resisting water washout. A state-of-the-art extreme pressure additive package helps moving components withstand shock loading and prevents early wear. Base oils combined with a lithium complex provide a high temperature operating range with a dropping point of more than 500°F.

PERFORMANCE PLUS PROPERTIES		
NLGI Grade	1	2
NLGI Specification	GC-LB	GC-LB
Thickener Type	Lithium Complex	Lithium Complex
Color	Blue	Blue
Texture	Smooth	Smooth
Worked Penetration (Typical)	310	280
ISO Grade	220	220
Viscosity Index	87	87
Dropping Point, °F	500	500
4-Ball weld, kgf	315	400
4-Ball wear, scar mm	0.6	0.57
4-Ball LWI	30	39
Rust Prevention (ASTM D-1743)	Pass	Pass
Oxidation Stability psi loss/100 Hrs.	2	2
Timken, OK load, lbs.	45	55
Water Washout (% loss @ 175°F)	<10	<5

Note: Values shown above are representative of current production and may vary within modest ranges

Applications

Performance Plus® Hi-Temp Lithium Greases are recommended for the following industry's applications:

Steel	Industrial
Energy	Construction
Automotive	Logging
Agriculture	On-Road Trucking
Refuse	Off-Road Trucking
Paper	Remanufacturing

Additionally, Performance Plus Hi-Temp Lithium Greases are suitable for use in and meet the requirements of the following OEMs where a high temperature lithium complex grease is required:

Ford	General Motors
Lincoln	Caterpillar
Volvo	Chevrolet
Dodge	Honda
Jeep	Chrysler
Buick	Eaton-Vickers
Land Rover	Jaguar
John Deere	Mitsubishi
Komatsu	Terex
Hitachi	Toyota
Okuma	Doosan
Mitsubishi	Mori Seiki

Information regarding recommended maintenance and equipment operating conditions can be found by referencing Original Equipment Manufacturer's (OEM) owner's manual and lubricant recommendations.

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Features and Benefits: Protection, persistence and performance are required by today's high temperature applications, and those looking for proven and trusted performance demand Performance Plus Hi-Temp Lithium Grease. Performance Plus Hi-Temp Lithium Grease offers:

- Extremely high dropping point
- Exceptional water resistance
- Extreme pressure formulation
- Superior corrosion resistance
- Enhanced adhesion properties

- Performs at higher temperatures than competitors
- Protects against corrosion and reduces downtime
- Reduces wear and extends service life
- Extending component life
- Protects against contaminants

Proven and Trusted: The foundation of all Performance Plus products is the tested, proven and trusted base oil which exceeds the performance of many of the major oil refiners. Our greases start at a higher level than the competition due to our formulated blend of high quality base oils and additives.

	Automotive	Agriculture	Industrial	HD Trucking	Steel	Construction	Mining
All-Purpose Lithium	✓	✓	✓				
Hi-Temp Lithium	✓	✓	✓	✓	✓	✓	
Construction Red	✓	✓	✓	✓	✓	✓	
Moly Supreme	✓	✓	✓	✓	✓	✓	✓
Ultra Calcium Sulfonate	✓	✓	✓	✓	✓	✓	✓

Performance Plus® delivers a diverse product line that perform in a wide array of industry needs. Our products can be utilized in common wheel bearing applications of Light automotive and others that are top of the line for the more extreme applications in heavy construction and mining. No matter your grease needs, Performance Plus can deliver the protection and performance.

Health and Safety: Information detailing health and safety can be found in the corresponding Safety Data Sheet on the Performance Plus website. Performance Plus products contain petroleum distillates and are not likely to pose any significant health or safety hazards. Gloves should be used to avoid any contact - should there be contact with skin, washing with soap and water is advised. If ingested, call a poison center or doctor - do not induce vomiting.

Storage: Performance Plus products should not be stored where the temperatures are above 140° F (60° C) or near sparks and flames. Products should be stored under cover and away from the reach of children. In case where drums cannot be under cover, they should be laid horizontally to avoid any potential contaminants.

Disposal: All efforts should be made to protect the environment. Please properly dispose of used motor oil and lubricants. Should you need any assistance please contact your sales representative for information on how Safety-Kleen's used motor oil collection services.

For additional questions, please contact your Performance Plus® Products Sales Representative.

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