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## Product Data Sheet (PDS)



# GREASGEN LITHIUM COMPLEX EP-2

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# GREASGEN LITHIUM COMPLEX EP-2



Multipurpose extreme pressure high temperature lithium complex grease.

## APPLICATIONS:

- GREASGEN LITHIUM COMPLEX EP 2 is designed for the lubrication various applications in all types of operating conditions, but particularly where the operation temperature is high and the use of conventional lithium greases are limited.
- GREASGEN LITHIUM COMPLEX EP 2 is a true multipurpose grease, formulated for lubrication of loaded slide-, ball-, and roller-bearings, wheel bearings, universal joints, chassis, and various shock loaded or vibrating applications in transport, agriculture and off road vehicles.
- Suitable as general purpose grease for industrial applications requiring a NLGI 2 grade Extreme Pressure grease, resistant to elevated temperatures.
- Always avoid contamination of the grease by dust and/or dirt when applying. Preferably use a pneumatic pump system or cartridges.

## BENEFITS:

- GREASGEN LITHIUM COMPLEX EP 2 meets a wide variety of requirements. Its range of applications is extensive, allowing stock rationalization and simplification of maintenance.
- Fulfills the requirements of most automotive Original Equipment Manufacturers.
- Forms a lubricating film which is durable, and resistant to humidity, temperature variations and pollution, and hence reduces maintenance and costs.
- Miscible with most other conventional soap greases.

GREASGEN LITHIUM COMPLEX EP 2 does not contain lead, or other heavy metals considered harmful to human health and the environment.

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### TECHNICAL DATA

Characteristics	METHOD	CONTROL LIMITS		TYPICAL RESULTS
		Min	Max	
NLGI Grade		2		
<i>Thickener Type</i>		Lithium Complex		
Color		As per requirement		
Texture Adhesive		Smooth		
Penetration @ 25°C				
Worked, 60 strokes	ASTM D-217	265	295	280
Worked, 10,000 strokes	ASTM D-217	265	290	285
Dropping Point, °C	ASTM D-2265	240	-	245
Timken EP Test, OK Load, Kg	ASTM D-2509	18	-	20
Water Washout Test, % wt. Loss @ 80°C	ASTM D-1264	-	8	4.1
Oxidation Stability, 100 hr. psi loss @ 100°C	ASTM D-942	-	10	5
Rust Prevention	ASTM D-1743	-		Pass
Copper Strip corrosion	ASTM D 4048	-	1C	1A
Wheel Bearing Leakage, gm	ASTM D-4290	-	10	2.5
Base Oil Properties				
Viscosity: @ 40°C, cSt	ASTM D-445	-	-	135
Viscosity: @ 100°C, cSt	ASTM D-445	-	-	>14
Usable Temperature Range °C				-25 to 190

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### **Health and Safety:**

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application, following the recommendations provided in the Material Safety Data Sheet (MSDS). MSDSs are available upon request. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

Due to continual product research and development, the information contained herein is subject to change without notification. Typical Properties may vary slightly.