

LITHIUM GREASE EP-3



LITHIUM GREASE is a lithium soap base grease formulated from high-quality paraffinic base oils along with balanced oxidation and rust inhibitors with extreme pressure additives. Suitable for loaded slide-ball, and roller bearings, wheel bearings, universal joints, chassis, and various shock-loaded, and off-road equipment for both wet and dry conditions.

PERFORMANCE LEVEL

QUALITY FEATURES

- Excellent adhesion properties and seal-bearing sealing against water, dust, and contaminants.
- Good thermal stability.
- Excellent mechanical stability to avoid loss of consistency during operation.
- Good protection against rust and corrosion.
- Good water tolerance and adaptable to normal grease dispensing and centralized systems.

APPLICATION OF USE

LITHIUM GREASE is multi-functional extreme pressure grease for bearings to prevent rust and corrosion under high load conditions in many heavy-duty industrial applications such as steel mills, paper mills, heavy structural construction /fabrication industries, mining, and automotive industries. It is recommended for use in flexible-type gear couplings (EP 1).

TYPICAL TECHNICAL PROPERTIES

Characteristics	Test Method	EP 0	EP 1	EP 2	EP 3
Type of Soap		VLithium	Lithium	Lithium	Lithium
Apperance	Visual	Smooth & Homogenous	Smooth & Homogenous	Smooth & Homogenous	Smooth & Homogenous
Colour	Visual	Yellow	Yellow	Yellow	Yellow
Work Penetration	ASTM D 217/				
at 25 °C	DIN 51818	355-385	310-340	265-295	220-250
Dropping Point	ASTM D 2265/				
0 °C min	DIN ISO 2176	180	180	180	180
Copper Strip Corrosion	ASTM D 4048	PASSED	PASSED	PASSED	PASSED

Note: All figures may vary slightly.