



## LITHIUM CALCIUM EP GREASE 0,00,000,1,2,3

Lithium Calcium EP is an extreme pressure grease with high resistance to water washout and protects the lubricated parts against wear and corrosion. This grease is recommended for the lubrication of plain and rolling bearings, operated under high loads and in wet environment. It offers excellent mechanical stability, load carrying capacity, and corrosion protection. Lithium Calcium EP has been fortified with Ca-12 Hydroxy stearate thickener to offer enhanced water resistance and mechanical stability, which makes this grease a real multipurpose grease.

### APPLICATION

Lithium Calcium EP is a widely used extreme pressure grease recommended for the lubrication of plain and rolling bearings, operated under high loads and in wet environment. It is also suitable for commercial vehicle and construction equipment applications, agricultural and off-road applications. NLGI 000, 00, 0, 1 grades are suitable for centralized lubrication system where a semi fluid grease is required.

### PRODUCT ADVANTAGES

- The operating temperature range is from -20°C to 130°C
- Very good rust and corrosion protection
- High-load carrying capacity
- Excellent resistance against water
- Very good anti-wear protection
- Good shear and stress stability
- Very good adhesion properties

### TYPICAL PROPERTIES:

PARAMETERS	TEST METHODS	TYPICAL VALUE					
NLGI Grade	-	000	00	0	1	2	3
Thickener Type	-	Lithium					
Appearance	Visual	Smooth & Homogenous					
Color	Visual	Light Brown					
Work Penetration @25°C	ASTM D217	445-475	400-430	355-385	310-340	265-295	220-250
Copper Strip Corrosion For 24hrs @100°C	ASTM D4048	1b max.	1b max.	1b max.	1b max.	1b max.	1b max.
Dropping Point °C, Min	ASTM D2265	N/A	N/A	N/A	180	180	180
Water Washout Resistance %Wt @79°C	ASTM D1264	N/A	N/A	N/A	Max 10		
Emcor Rust Preventive Test	ASTM D2596	200					
Operating Temperature Range, °C	INTERNAL	-20 to 130					
Base Oil Viscosity @40°C (Cst)	ASTM D445	90-110					

### HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with grease and grease may cause skin disorders. Avoid contact. Wash immediately with soap and water. For further information on Safety Guidelines please refer to MSDS available on our website [www.rexol.uk](http://www.rexol.uk)

### HEALTH & SAFETY:

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet at [www.rexol.uk](http://www.rexol.uk)

### PROTECT THE ENVIRONMENT:

Comply with local regulations. Do not discharge into drains, soil, or water.

### STORAGE & HANDLING:

We recommend storing all packages under cover. Never leave grease containers improperly covered, uncovered, or open. Keep them tightly sealed between uses. If the containers are stored outside, a heavy canvas tarpaulin, plastic sheet, or lean-to can be used to keep off water or dirt. Ideally, grease should be stored in a cool, dry indoor area that does not exceed 86 degrees °F (30 degrees °C) and remains above 32 degrees °F (°C).