



LITHIUM EP GREASE SYNTHETIC

Lithium EP grease is a synthetic oil-based grease using lithium soap. Its unique thickener technology and low viscosity oil (PAO), provide excellent lubrication performance at low temperatures down to -50°C and extremely high speeds.

APPLICATION

Lithium EP grease synthetic is recommended for automotive applications at both high and low temperatures. It is best suitable in disc brake wheel bearings, balls and steering joints.

PRODUCT ADVANTAGES

- The operating temperature range is from -50°C to 110°C
- Low friction torque
- Quiet running
- Good oxidation stability
- Good water resistance

TYPICAL PROPERTIES:

PARAMETERS	TEST METHODS	TYPICAL VALUE	
NLGI Grade	-	2	3
Thickener Type	-	Lithium	Lithium
Appearance	Visual	Smooth & Homogenous	Smooth & Homogenous
Color	Visual	Off-white	Off-white
Work Penetration @25°C,	ASTM D217	265-295	220-250
Copper Strip Corrosion 24hrs @100°C	ASTM D4048	1b.	1b.
Dropping Point °C, Min	ASTM D2265	190	190
Water Washout Resistance %Wt. @79°C	ASTM D1264	max 10	max 10
Four Ball Weld Load, Kgf, Min	ASTM D2596	min 250	min 250
Oil Separation %, 30hrs @100°C	ASTM D6184	max 5	max 5
Operating Temperature Range, °C	INTERNAL	-50 to 110	
Base Oil Viscosity @40°C (Cst)	ASTM D445	100	100

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

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

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).