



## LITHIUM COMPLEX EP 150

Lithium Complex EP 150 is a multi-purpose lithium complex-based grease developed for high temperature and long-term performance in industrial and automotive applications. The grease possesses good fretting corrosion protection, good water tolerance, resistance to water wash-out, and reliable corrosion protection combined with excellent mechanical stability and good load-carrying capabilities. It contains EP, Rust, and Anti-oxidant additives.

### APPLICATIONS

This product is suitable for grease-lubricated bearings at low and high speeds including electric motors, automotive bearings, and various anti-friction bearings in the mining, petrochemical, construction, and steel industries. It has good pumpability properties and can be used in centralized lubrication systems.

### PRODUCT ADVANTAGES

- Good high-temperature stability
- Extreme pressure capability
- Resistance to water washout
- Excellent rust and corrosion protection
- Long service life

### TYPICAL PROPERTIES:

PARAMETERS	TEST METHODS	TYPICAL VALUE		
		1	2	3
NLGI Grade	-	1	2	3
Thickener Type	-	Lithium complex	Lithium complex	Lithium complex
Appearance	Visual	Smooth & Homogenous	Smooth & Homogenous	Smooth & Homogenous
Color	Visual	Blue / Red / Natural		
Work penetration @25°C.	ASTM D217	310 - 340	265 - 295	220 - 250
Copper Strip Corrosion for 24hrs @100°C.	ASTM D4048	1b max.	1b max.	1b max.
Wheel Bearing leakage after 6hrs @ 105°C g.	ASTM D1263	max 5	max 5	max 5
Dropping Point °C.	ASTM D566	>250	>250	>250
Four Ball EP, Load Wear Scar, mm	ASTM D2266	0.6	0.6	0.6
Four Ball Weld Load Kgf, Min.	ASTM D2596	250	250	250
Water Washout resistance %WT @79°C.	ASTM D1264	max 5	max 5	max 5
Oil separation %, 30hrs @100°C.	ASTM D6184	max 5	max 5	max 5
Base Oil Viscosity @ 40 °C (cSt)	ASTM 445	150	150	150

### 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).