

LUBEX-EP

Premium Multipurpose Grease



Features & Benefits

- Available in 3 NLGI grades
- High Dropping Point
- NLGI GC-LB Certified (EP 1 & EP 2)
- Disc & non-disc brake wheel bearing (EP 1 & EP 2)
- Green in colour for easy identification
- Good water resistance
- Extreme pressure protection
- Multipurpose – reduces the need for multiple greases

Typical Results

Test Method	LUBEX-EP 0	LUBEX-EP 1	LUBEX-EP 2
THICKENER TYPE (D128)	Lithium Complex		
COLOUR / APPEARANCE	Green / Smooth		
NLGI GC-LB CERTIFIED	-	✓	✓
NLGI GRADE	0	1	2
VISCOSITY, OIL COMPONENT (D445), cSt @ 40°C	80 – 120	198 – 242	198 – 242
VISCOSITY INDEX (D2270)	95 min	95 min	95 min
CONE PENETRATION @ 25°C, WORKED, 60 STROKES (D217), (0.1 mm)	355 – 385	310 – 340	265 – 295
OPERATING TEMPERATURE (°C)	-35 to 160	-15 to 218	-15 to 218
4-BALL EP TEST WELD POINT (D2596), (kg)	315 min	315 min	315 min
4-BALL WEAR SCAR DIAMETER (D2266), (mm)	0.55	0.43	0.43
DROPPING POINT (D2265), (°C)	210	232	260
TIMKEN OK LOAD (D2509), (lbs.)	40	55	50
LOW TEMPERATURE TORQUE (D4693), (N·M)	2.5 max	2.5 max	2.7 max
OIL SEPARATION (D1742), (%)	-	6.4	3.5

LUBEX EP are premium multipurpose and extreme pressure greases developed with high-quality mineral oil and a lithium complex soap thickener. They provide top-level protection from extreme pressure (EP) load wear and damage.

LUBEX EP greases were developed with the latest additives, offering remarkable anti-wear, anti-corrosion and anti-oxidation properties, exceptional high-temperature oxidation performance, and excellent mechanical stability.

LUBEX EP shows little tendency to separate under repeated mechanical stress and offers good water resistance where water contamination is unavoidable.

LUBEX EP greases are available in three NLGI (National Lubricating Grease Institute) grades:

- NLGI 0 is suitable for automatic greasing applications and winter conditions.
- NLGI 1 is suitable for manual greasing applications in outdoor winter conditions
- NLGI 2 is intended for all general indoor and outdoor manual greasing applications in summer conditions



www.irvingoil.com/lubricants
1.800.574.5823

Always consult your owner's manual for verification of fluid type and grade!

Supporting data available to demonstrate acceptable performance. Check with your sales associate for latest product approvals.

Please note, these are typical performance indicators and can change without notice.

This data sheet replaces previous versions prior to Sept 21, 2022.

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Applications

LUBEX EP greases can be used in the following industries: *Forestry, Marine, Fleet, Rail, Construction & Mining & Drilling.*

Forestry: Feller bunchers, harvesters, and knuckle boom load

- Blade shaft, turret, and tracker roller bearings
- Linkages/stabilizers and control linkages

Telehandlers:

- Tine pivots
- Boom slides
- Control linkages
- Tine-width ball screws

Marine: Winches, capstans and windlasses

- Shaft bearings
- Gearcases
- Electric motors
- Wire rope and cable pulleys

Fleet: Truck and Trailer

- Ball joints, hinges, steering boxes, steering linkages, and door hinges
- Wheel bearing and chassis – EP 1 & 2
- Landing gears – EP 1

Rail: Locomotives, track layers and trolleys

- Electric fans
- Electric motor bearings¹

Construction/Mining: Crushers, shakers, screeners

- Conveyor and ball mill/crusher end cap bearings
- Conveyors

¹ Lubex EP is not compatible with greases containing conventional polyurea-based thickeners

Sizes & Order Codes

Size	LUBEX-EP 0	LUBEX-EP 1	LUBEX-EP 2
Box 10, 400 g Tubes	FG001512	FG001612	FG001712
17 kg / 37.5 lbs. Pail	FG001540	FG001640	FG001740
55 kg / 121.3 lbs. Keg	-	FG001645	FG001745
180 kg / 396.8 lbs. Drum	FG001550	-	FG001750

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