



Dynalife® GC-LB

Dynalife GC-LB is a high-quality, multipurpose, extreme-pressure (EP) lithium complex grease developed to satisfy the severe lubrication requirements of heavily loaded plain and rolling-element bearings operating at moderate to high temperatures. It is NLGI GC-LB certified for use as a multipurpose automotive wheel bearing and chassis lubricant.

Dynalife GC-LB is manufactured with high-quality paraffinic base oils thickened with lithium complex soap. It contains an effective extreme-pressure additive, a tackifier, and rust and oxidation inhibitors to provide excellent wear protection, excellent thermal stability at high temperatures, and excellent resistance to corrosion and water washout.

Dynalife GC-LB forms an effective seal to help minimize bearing contamination and provides a high level of adhesion to the bearing surface for improved retention, reduced leakage and resistance to water washout. It is dyed red for ease of identification.

Applications

- Wheel bearings of passenger cars, trucks, high-performance vehicles, sport utility vehicles and motorcycles equipped with disc brakes
- Ball joints, universal joints, other chassis points, and water pumps on passenger cars, trucks and other mobile equipment
- Centralized lube systems and auto lubbers in service shops

Features/Benefits

- Excellent high-temperature performance
- Excellent wear protection
- High load-carrying capacity
- Protects against rust and corrosion
- Excellent resistance to water washout
- Good low-temperature pumpability
- NLGI GC-LB certified

**Extreme-Pressure
Lithium Complex
Grease For
Automotive
Applications; NLGI
GC-LB Certified**

Contact Information

**U.S. Customer
Service:
1-800-822-6457**

**U.S. Technical
Services Hot Line:
1-800-766-0050**

**International:
+1-832-486-3363**

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Dynalife® GC-LB
Typical Properties

NLGI Grade	1	2
Thickener	Lithium Complex	Lithium Complex
Color	Red	Red
Dropping Point, °C (°F)	>260 (>500)	>260 (>500)
Density, lbs/gal	7.44	7.44
Penetration, Worked (60 strokes), ASTM D217	325	280
Texture	Tacky	Tacky
Four-Ball EP, ASTM D2596, Weld Load, kgf	315	315
Four-Ball Wear, ASTM D2266, Scar Diameter, mm	0.37	0.50
Oxidation Stability, ASTM D942, 100 hours,		
Pressure Drop, psi (kPa)	5 (35)	5 (35)
Rust Prevention, ASTM D1743	Pass	Pass
Timken OK Load, ASTM D2509, lb	60	60
U.S. Steel Mobility, g/sec		
@ 4°C (40°F)	4.74	2.61
@ -7°C (20°F)	1.49	0.94
@ -18°C (0°F)	0.20	0.10
Base Oil Properties:		
Viscosity (with polymer),		
cSt @ 40°C	160	160
cSt @ 100°C	15.0	15.0
SUS @ 100°F	843	843
SUS @ 210°F	80	80
Viscosity Index	90	90
Usable Temperature Range,		
°C	-29 to 204	-23 to 204
°F	-20 to 400	-10 to 400

Health and Safety Information

For recommendations on safe handling and use of this product, please refer to the Material Safety Data Sheet via <http://w3.conocophillips.com/NetMSDS>.

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