



Dynalife® 150

Phillips 66® Dynalife 150 is a multipurpose, extreme pressure (EP) lithium grease developed for use in a wide variety of industrial and automotive applications. It is a versatile, general purpose grease recommended for use in applications where operating temperatures and loads are moderate. It is available in multiple grades to cover a wide range of applications.

Dynalife 150 is manufactured with high quality base oils, a special polymer and lithium-12-hydroxystearate soap thickener. It is fortified with EP and antiwear additives plus rust and oxidation inhibitors. It has good load carrying capacity for protection against wear, good oxidation resistance for long service life, protects metal parts against rust and corrosion, and is resistant to water washout. It has good resistance to shearing and will not soften excessively during high speed operation in rolling element bearings. It forms a good seal to help minimize bearing contamination.

Applications

- Plain and rolling element bearings in compressors, fans, centrifugal pumps and other industrial equipment where operating temperatures and loads are moderate
- Chassis parts, universal joints and water pumps on passenger cars, light trucks and other mobile equipment
- Wheel bearings of passenger cars equipped with drum brakes
- Centralized grease lubrication systems (NLGI Grade No. 1 & 2)
- General purpose shop/industrial grease

Features/Benefits

- Multipurpose grease for use in a wide variety of applications
- Good EP and antiwear properties
- Good shear stability
- Good oxidation resistance and thermal stability
- Protects against rust and corrosion
- Resists water washout
- Good low-temperature pumpability
- Suitable for use in centralized lube systems (NLGI Grade No. 1 & 2)

**Multipurpose
Extreme Pressure
Lithium Grease**





Dynalife® 150

Typical Properties				
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NLGI Grade		Lithium	Lithium	Lithium
Thickener Type		Lithium	Lithium	Lithium
Color		Amber	Amber	Amber
Texture		Smooth	Smooth	Smooth
Density, lbs/gal		7.50	7.50	7.51
Dropping Point, °C (°F)	ASTM D2265	180 (356)	190 (374)	190 (374)
Viscosity, Kinematic	ASTM D445			
Viscosity @ 40°C, cSt		150	150	150
Viscosity @ 100°C, cSt		11.3	11.3	11.3
Penetration, Worked (60 strokes)	ASTM D217	310-340	265-295	220-250
Oxidation Stability, 100 Hours, psi (kPa)	ASTM D942	8.4 (58)	8.4 (58)	8.4 (58)
Four-Ball Wear Scar, mm	ASTM D2266	0.50	0.49	0.46
Four-Ball EP, Weld Load, Kgf	ASTM D2596	250	250	250
Timken OK Load, lbs	ASTM D2509	40	40	40
Corrosion Prevention	ASTM D1743	Pass	Pass	Pass
Copper Corrosion	ASTM D4048	1b	1b	1b

Health & Safety Information

For recommendations on safe handling and use of this product, please refer to the Safety Data Sheet via <http://www.phillips66.com/SDS>.