



### PROTEC LX 150-EP

#### PRODUCT DESCRIPTION:

PROTEC LX 150-EP is a multi-purpose lithium complex-based grease designed for high-temperature and long-term performance in industrial and automotive applications. This grease offers excellent fretting corrosion protection, good water tolerance, resistance to water wash-out, and reliable corrosion protection. It also provides exceptional mechanical stability and load-carrying capabilities. Fortified with extreme pressure (EP), rust, and antioxidant additives, PROTEC LX 150-EP ensures reliable performance under demanding conditions.

#### 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		
NLGI Grade	-	1	2	3
Thickener Type	-	Lithium complex	Lithium complex	Lithium complex
Appearance	Visual	Smooth & Homogenous	Smooth & Homogenous	Smooth & Homogenous
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.
Dropping Point °C,	ASTM D566	>250	>250	>250
Wheel Bearing leakage after 6hrs @ 105°C g,	ASTM D1263	max 5	max 5	max 5
Base Oil Viscosity @ 40 °C (cSt)	ASTM 445	150	150	150
Four Ball EP, Load Wear Scar, mm	ASTM D2266	0.6	0.6	0.6
Four Ball Weld Lead 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

**DISCLAIMER:** The test data provided above is for reference purposes and is not a strict specification, as variations within acceptable production tolerances may occur. Phoenix reserves the right to update or revise this test data. For the most accurate and up-to-date information, please consult the latest version of this Technical Data Sheet (TDS).

#### HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further Information on Safety Guidelines please refer to MSDS available on our website [Phoenixlubricants.com](http://Phoenixlubricants.com)

