



GRIPTO-TECH LX 150-EP

PRODUCT DESCRIPTION:

GRIPTO-TECH LX 150-EP is a multi-purpose lithium complex grease designed for high-temperature and long-term performance in industrial and automotive applications. It offers excellent fretting corrosion protection, water tolerance, resistance to water washout, and reliable corrosion protection. This grease is fortified with extreme pressure (EP) additives, rust inhibitors, and antioxidants, providing outstanding mechanical stability and load-carrying capabilities for demanding operating 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		
		1	2	3
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 presented above is indicative and not a strict specification, as it may vary within acceptable production tolerances. Internal reserves the right to update or modify this test data. For the most accurate and current information, please refer to the latest version of this Technical Data Sheet (TDS).

HEALTH & SAFETY, ENVIRONMENT:

Continuous or repeated exposure to oil may lead to skin problems. Avoid contact with the oil. In case of contact, wash thoroughly with soap and water. Do not dispose of used oil in drains or the environment. Dispose of it at an authorized used oil collection point. For additional safety information, please refer to the MSDS available on our website at www.internal.net.

PROTECT THE ENVIRONMENT:

Take used oil to an authorized collection point. Comply with local regulation. Do not discharge into drains, soil or water.