



GRIPTO-TECH LX 460-EP-SYN

PRODUCT DESCRIPTION:

GRIPTO-TECH LX 460-EP-Syn is a high-performance synthetic grease formulated with an advanced Lithium Complex thickener, PAO synthetic base oil, and enhanced with polymers, anti-wear agents, tackiness additives, and rust and oxidation inhibitors. This multi-purpose, semi-fluid grease is engineered to deliver exceptional performance across various applications, especially in extreme low-temperature environments. Its robust formulation ensures superior protection under high-pressure and demanding operating conditions.

APPLICATIONS

GRIPTO-TECH LX 460-EP-Syn grease is primarily designed for use in on-road and off-road vehicles for the lubrication of wheel end bearings on trucks and trailers. It is also recommended for leaky gearboxes, as well as heavy equipment applications operating in extreme cold temperatures. It is a premium product for use where NLGI 00 grade greases are recommended. This grease is designed for smooth and reliable operation in pressurized auto grease systems where long lines and exposure to low temperatures can affect grease delivery.

PRODUCT ADVANTAGES

- The operating temperature range is from -30°C to 150°C
- Truck and trailer wheel end bearings where NLGI 00 greases are specified
- Recommended for industrial plain and anti-friction bearings operating at high speed
- Good oxidation stability
- Where ultra-low temperatures limit the mobility and pumpability of heavier grades of grease

TYPICAL PROPERTIES:

PARAMETERS	TEST METHODS	TYPICAL VALUE
NLGI Grade	-	00
Thickener Type	-	Lithium Complex
Appearance	Visual	Smooth & Homogenous
Color	Visual	Ivory
Base Oil Type	-	Synthetic
Work Penetration @25°C,	ASTM D217	400-430
Copper Strip Corrosion 24hrs @100°C	ASTM D4048	1b
Dropping Point °C, Min	ASTM D2265	240
Water Washout Resistance %Wt @79°C	ASTM D1264	N/A
Four Ball Weld Load, Kgf, Min	ASTM D2596	315
Emcor Rust Protection Rating	ASTM D6138	1/1
Operating Temperature Range, °C	INTERNAL	-30 to 150
Base Oil Viscosity @40°C (Cst)	ASTM D445	460

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.