



## GRIPTO-TECH LX 460-EP

### PRODUCT DESCRIPTION:

GRIPTO-TECH LX 460-EP is a mineral oil-based grease designed for extreme pressure performance. It is suitable for general industrial and automotive applications where loads or temperatures exceed the capabilities of general-purpose greases. This grease is particularly ideal for lubricating heavy-duty, slow-moving bearings used in demanding industries such as steel, cement, paper, chemical manufacturing, and mining.

### APPLICATIONS

GRIPTO-TECH LX 460-EP is particularly recommended for grease lubrication of heavy duty, slow moving bearings used in heavy industries e.g. steel, cement, paper, chemical industry and mining.

### PRODUCT ADVANTAGES

- The operating temperature range is -20°C to 150°C
- High base oil viscosity for slow moving large bearings
- Excellent mechanical stability
- Excellent extreme pressure properties
- Excellent water resistance and effective corrosion properties
- High dropping point

### TYPICAL PROPERTIES:

PARAMETERS	TEST METHODS	TYPICAL VALUE
NLGI Grade	-	<b>2</b>
Thickener Type	-	Lithium Complex
Base Oil Type	-	Mineral
Appearance	Visual	Smooth & Homogenous
Color	Visual	Light brown
Work Penetration @25°C	ASTM D217	265-295
Copper Strip Corrosion For 24hrs @100°C	ASTM D4048	1b
Dropping Point °C, Min	ASTM D2265	250
Four Ball Weld Load Kgf, Min, Min	ASTM D2596	250
Four Ball, Wear Scar Dia, mm, Max	ASTM D2266	0.6
Operating Temperature Range °C	INTERNAL	-20 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](http://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.