



## GRIPTO-TECH PU 460

### PRODUCT DESCRIPTION:

GRIPTO-TECH PU 460 is a high-performance extreme-pressure grease specially formulated for enhanced lubrication in heavily loaded, low to medium-speed industrial bearings. It is particularly suited for continuous steel casting lines and high-temperature, slow-moving concast bearings in the steel industry. This grease provides reliable performance under extreme conditions, ensuring excellent protection and lubrication for high-temperature, slow-moving bearing applications.

### APPLICATIONS

GRIPTO-TECH PU 460 grease NLGI 1.5 is designed to give enhanced lubrication in loaded low to medium-speed industrial bearings, especially in continuous steel casting lines. It is also recommended for the lubrication of high-temperature, slow-moving concast bearings in steel industry.

### PRODUCT ADVANTAGES

- The operating temperature range is -10°C to +150°C
- Outstanding high-temperature oxidation stability
- Good anti-corrosion properties
- Excellent resistance against water washout
- Long operational life

### TYPICAL PROPERTIES:

PARAMETERS	TEST METHODS	TYPICAL VALUE
NLGI Grade	ASTM D217	<b>1.5</b>
Thickener Type	-	Di- Urea
Base Oil Type	-	Mineral
Appearance	Visual	Smooth & Homogenous
Color	Visual	Light Brown
Work Penetration, 0.1mm	ASTM D217	305
Dropping Point, °C, Min	ASTM D2265	250
Cu Corrosion	ASTM D4048	1b
Four Ball Weld Load, Kg, Min	ASTM D2596	250
Emcor Rust Test, Rating	IP 220	0-0
Heat Stability, %Wt.	ASTM D6184	3 max
Operating Temperature Range °C	INTERNAL	-10 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.