



## GRIPTO-TECH PU 100

### PRODUCT DESCRIPTION:

GRIPTO-TECH PU 100 is a multipurpose, high-temperature, extreme-pressure grease designed to provide superior lubrication for heavily loaded ball, roller, and plain bearings operating under high-temperature conditions. Engineered for extended service life, it ensures reliable performance in demanding industrial applications. GRIPTO-TECH PU 100 is recommended for use in industries such as paper, steel, aluminum, chemical, and others requiring durable and effective lubrication solutions.

### APPLICATIONS

GRIPTO-TECH PU 100 grease NLGI-2 is also recommended for paper, steel, aluminum, chemical and other industries.

### PRODUCT ADVANTAGES

- The operating temperature range is -10°C to 150°C
- Outstanding high-temperature oxidation stability
- Reduced grease consumption at high temperatures
- Protects bearings against wear under conditions of shock loading
- Resists water washing and rusting
- Long operational life

### TYPICAL PROPERTIES:

PARAMETERS	TEST METHODS	TYPICAL VALUE
NLGI Grade	ASTM D217	<b>2</b>
Thickener Type	-	Di- Urea
Base Oil Type	-	Mineral
Appearance	Visual	Smooth & Homogenous
Color	Visual	Light Brown
Work Penetration, 0.1 mm	ASTM D217	265-295
Dropping Point, °C, Min	ASTM D2265	>250
Cu Corrosion	ASTM D4048	1b
Oxidation Stability, Drop In Pressure, Psi	ASTM D942	max 5
Heat Stability, % Wt.	ASTM D6184	3 max
Operating Temperature Range °C	INTERNAL	-10 to 150
Base Oil Viscosity @40°C (Cst)	ASTM D445	100

**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.