



PROTEC PU 100

PRODUCT DESCRIPTION:

PROTEC PU 100 is a versatile, high-temperature, extreme-pressure grease engineered for lubricating heavily loaded ball, roller, and plain bearings operating under elevated temperatures. Designed for extended service life, it is highly recommended for use in demanding industries such as paper, steel, aluminum, and chemicals, ensuring reliable and consistent performance in challenging environments.

APPLICATIONS

PROTEC 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	2
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 provided above is for reference purposes and is not a strict specification, as variations within acceptable production tolerances may occur. Phoenix reserves the right to update or revise this test data. For the most accurate and up-to-date information, please consult the latest version of this Technical Data Sheet (TDS).

HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further Information on Safety Guidelines please refer to MSDS available on our website Phoenixlubricants.com