

Gazpromneft Grease Synth LX EP 2

Multi-purpose lubricant based on synthetic base oil and lithium complex soap with an extreme pressure additive package (EP additives) for friction units operating under high load conditions. It is used in rolling and sliding bearings (including those without liners) installed in electric (traction) motors, cardan shafts, etc., in a wide range of temperatures, including in the extreme north.

Advantages

- Excellent performance over a wide temperature range from -50 °C to +150 °C, with continuous lubricant treatment: up to +200 °C.
- Provides high anti-wear properties both at the time of start-up and during operation.
- Prevents premature aging of components and mechanisms, thereby maintaining the service life and performance of equipment.
- It has exceptional antioxidant properties and excellent resistance to high thermal loads.
- It has high hydrolytic stability and provides protection against corrosion even under operating conditions with high air humidity, in aqueous and aggressive environments.
- Prevents the penetration of water and contaminants into friction units due to its good sealing properties.

Typical Characteristics

Properties	Method	Gazpromneft Grease Synth LX EP 2
Compliance with the standard	DIN 51502	KPHC 2 N-50
NLGI Grade		2
Penetration, worked 60 stokes, mm/10	GOST 5346	265-295
Penetration at - 50 °C	GOST R ISO 13737	>100
Range of temperatures, °C		from -50 °C to +150
Color	Visual	From white to beige
Structure	Visual	Homogeneous
Thickener Type		Lithium complex soap
Base Oil		Synthetic
Base oil cinematic viscosity @40 °C, mm ² /s	GOST 33 (ASTM D 445)	100
Dropping Point, °C	ASTM D 2265	>250
Corrosive effects on metals	GOST 9.080	Pass
4-Ball Weld Load, N	GOST 9490	3283
4-Ball Wear Scar Diameter, mm	GOST 9490	0,6
Water Washout, weight loss at 79°C, wt%	ASTM D 1264	< 5
Mass fraction of mechanical impurities, %	GOST 6479	Absence

Health, Safety & Environment

Information is provided for products in the relevant Safety Data Sheet (SDS). This provides guidance on potential hazards, precautions and first-aid measures, together with environmental effects and disposal of used products. SDS's are available upon request through your sales contract office. This product should not be used for purposes other than its intended use.

The company's management system is certified in accordance with the international standards

ISO 9001



ISO 14001



ISO 45001

