

Gazpromneft Premium Grease EP 00, 0, 1, 2

The line of multifunctional semi-synthetic greases with an extreme pressure (EP) additive package based on a lithium complex soap, designed for friction units lubricated both with automatic centralized systems (NLGI 00, 0, 1, 2) and with embedded method (NLGI 2). Recommended for use in units with high and medium speeds and at ultra-high loads of commercial vehicles, industrial equipment and special equipment (used in mining and processing complexes, mining, logging, construction, agricultural enterprises and in other industries) operated in a wide range of temperatures and loads.

Advantages

- Temperature range:
-50°C to +140 °C (for NLGI 00, 0) and -40 °C to +160 °C (for NLGI 1, 2).
- Recommended for all-year use in Far North regions.
- Ensures continuous lubrication in case of water ingress.
- Ensures highly effective protection against corrosion even when working in particularly harsh conditions, such as: contact with water, extremely low and high temperatures, as well as huge temperature swings.
- Due to the use of API group III base oils, it has high resistance to oxidation.
- High mechanical stability, whereby the product can be used for the lubrication of bearings subjected to strong vibrations and extremely high loads.

Typical physical and chemical characteristics

Parameters	Method	Gazpromneft Premium Grease			
Conforms with standard	DIN 51502	KP 00 N-50	KP 0 N-50	KP 1 P-40	KP 2 P-40
NLGI grade		00	0	1	2
Penetration, worked 60 stokes, 10 ⁻¹ mm	GOST 5346	400-430	355-385	310-340	265-295
Range of temperatures, °C		-50 to +140		-40 to +160	
Color	Visual	From light-yellow to brown			Blue
Structure	Visual	Homogeneous			
Thickener type		Lithium complex soap			
Base oil		Semi-synthetic			
Base oil viscosity at 40 °C, mm ² /c	GOST 33	100			
Dropping point, °C	ASTM D 2365	-	>210	>250	>250
Water washout, 1 hour at 79°C, %	ASTM D 1264	-	-	<5	<5
Penetration at - 40 °C, 10 ⁻¹ mm	GOST R ISO 13737	>100	>100	-	-
Penetration at - 30 °C, 10 ⁻¹ mm		-	-	>100	>100
Corrosion effect on the metals	GOST 9.080	Withstands			
4-Ball Weld Load, N	GOST 9490	3283		3479	
4-Ball Wear Scar Diameter, mm		0.5		0.5	

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

ISO 9001



ISO 14001



ISO 45001

