

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 characteristics

Properties	Method	Gazpromneft Premium Grease			
		KP 00 N-50	KP 0 N-50	KP 1 P-40	KP 2 P-40
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	ASTM D217	410	370	340	285
Range of temperatures, °C		-50 to +140	-50 to +140	-40 to +160	-40 to +160
Color	Visual	Light brown			
Structure	Visual	Homogeneous Oily			
Thickener type		Lithium complex soap			
Base oil		Semi-synthetic			
Base oil viscosity at 40 °C, mm ² /c	ASTM D445	120	120	120	120
Dropping point, °C	ASTM D566	>220	>235	>250	>250
Corrosion on copper strip, 24 hours at 120 °C	DIN 51811	1B	1B	1B	1B
4-Ball Wear Scar Diameter, mm	ASTM D2266 DIN 51350 5	0.5	0.5	0.5	0.5
4-Ball Weld Load, N	ASTM D2596 DIN 51350 4	3200	3200	3200	3200
Water Washout, wt%;	ASTM D1264	-	7.5	3.7	1.8

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

ISO 9001



ISO 14001



ISO/TS 16949



ISO 45001

