Gazpromneft Grease LTS Moly EP 1 All Seasons, LTS Moly EP 2

Multifunctional high-performance lithium-calcium greases containing extreme pressure additives (EP additives) and solid filler (molybdenum disulfide). They are used to lubricate friction units of construction, mining and other equipment exposed to extremely high loads and operated under extremely difficult operating conditions, including in the presence of water and in cases where the use of lubricants with fillers in the composition is recommended by the equipment manufacturer.
Used as a universal lubricant (Gazpromneft Grease LTS Moly EP 2) and for centralized lubrication systems (Gazpromneft Grease LTS Moly EP 1 All Seasons). The performance of Gazpromneft Grease LTS Moly EP 1 All Seasons lubricant in pumping systems depends on the recommendations of the equipment manufacturer, the design features of the Automatic Centralized Lubrication System and the operating pressure.

Advantages

- Provide high performance and withstand loads under severe operating conditions, thanks to the content of EP additives and molybdenum disulfide.
- The presence of molybdenum disulfide provides surface protection even when using insufficient lubricant or in particularly contaminated working environments.
- Ensure long-term operation of parts in the temperature range from -30 °C to 120 °C, short-term up to 150 °C.
- Excellent protection against wear and jamming.
- They have excellent resistance to the corrosive action of water, preventing the formation of rust and corrosion.

Typical Characteristics

Properties	Method	Gazpromneft Grease LTS Moly	
		EP 1 All Seasons	EP 2
Specification	DIN 51502	KPF 1 K-30	KPF 2 K-30
NLGI Grade		1	2
Penetration, worked 60 stokes, mm/10	GOST 5346	310-340	265-295
Operating temperature range, °C		from -30 °C to +120, short-term up to +150	
Color	Visual	Dark grey	
Structure	Visual	Homogeneous	
Thickener Type		Lithium/Calcium	
Base Oil Type		Mineral	
Molybdenum Disulfide, wt%		3	
Base Oil Viscosity at 40°C, mm^2/s	GOST 33	220	
Dropping Point, °C	GOST 6793	>170	>180
Corrosive effect on metals	GOST 9.080	Resists	
4-Ball Weld Load, N	GOST 9490	4136	
4-Ball Wear Scar Diameter, mm	GOST 9490	0,5	

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

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The above information is typical for the currently manufactured products. Due to ongoing research and development, the information contained herein is subject to change. Information on the safe use of the product is contained in the Safety Data Sheet. For more information, contact our technical specialists. E-mail: Techservice@gazprom-neft.ru. 08/2025