

Gazpromneft Grease L EP

Multipurpose Extreme Pressure Lithium Grease

Gazpromneft Grease L EP is multipurpose, extreme pressure industrial greases based on a blend of high viscosity index mineral oils and a lithium hydroxystreate soap thickener and contain extreme pressure and other additives. Gazpromneft Grease L EP is suitable for most industrial applications, including heavy-duty ones. These greases provide excellent protection against rust, corrosion and wear under heavy or shock loading and vibration. They are available in NLGI grades ranging from 00 to 3. Gazpromneft Grease L EP is recommended for use over the temperature range -30°C to 120°C.

Applications

- Gazpromneft Grease L EP 00, EP 0, EP 1 provide good pumpability and are suitable for centralized lubrication systems, heavy duty plain and rolling element bearings operating under severe conditions and other applications where good low temperature performance is required
- Gazpromneft Grease L EP 2 is recommended for general industrial lubrication, heavy duty plain and rolling element bearings operating under severe conditions
- Gazpromneft Grease L EP 3 is recommended for applications where maximum protection against penetration of water or solid contaminants is required, e.g. antifriction and plain bearings, bushings and pins operating under severe conditions including shock loading in wet environments

Features	Advantages and Potential Benefits
Outstanding load carrying capacity	Reduced wear under heavy or shock loading and vibration for good equipment reliability and availability
Excellent mechanical stability	Resistance to grease softening with subsequent loss of lubrication performance and leakage
Excellent water and corrosion resistance	Extended bearing life in wet environments for reduced bearing costs and unexpected downtime
Good pumpability in centralized systems	Gazpromneft Grease L EP 00, EP 0, EP 1

Specification	Gazpromneft Grease L EP 00	Gazpromneft Grease L EP 0	Gazpromneft Grease L EP 1	Gazpromneft Grease L EP 2	Gazpromneft Grease L EP 3
DIN 51502	KP00K-30	KP0K-30	KP1K-30	KP2K-30	KP3K-30
				MB-Approval 267.0	

Typical Characteristics

Properties	Gazpromneft Grease L EP				
	00	0	1	2	3
NLGI Grade	00	0	1	2	3
Thickener Type	Lithium	Lithium	Lithium	Lithium	Lithium
Color, visual	Brown	Brown	Brown	Brown	Brown
Penetration, worked 60 stokes, mm/10; ASTM D217	400-430	355-385	310-340	265-295	220-250
Dropping Point, °C; ASTM D566	>170	>170	>180	>190	>190
Base Oil Viscosity @40°C, mm ² /s; ASTM D445	150	150	150	150	150
4-Ball Wear Scar Diameter, mm; ASTM D2266	0,5	0,5	0,5	0,5	0,5
4-Ball Weld Load, N; ASTM D2596	2400	2400	2400	2400	2400
Rust Protection, distilled water; ASTM D6138	pass	pass	pass	pass	pass
Water Washout, wt%; ASTM D1264	10	10	10	10	10

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.

✔ ISO 9001

✔ ISO 14001

✔ ISO/TS 16949

✔ OHSAS 18001

CERTIFIED

GAZPROMNEFT – LUBRICANTS, LTD.
14/3, Krzhyzhanovskogo Street, Moscow, 117218 Russia
Tel: +7 (495) 642-99-69
Fax: +7 (495) 921-48-63
www.gazpromneft-oil.com

While the information and figures given here are typical of current production and conform to specification, minor variations may occur. The information contained is subject to change without notice. Gazpromneft-Lubricants accept no liability for any damage or loss resulting from using the product in purposes other than it intended, from any failure to comply with the recommendations or from hazards inherent in the nature of the material. If you require any further information please consult our technical helpdesk. E-mail: OilSupport@gazprom-neft.ru 01/2019