

## Gazpromneft Grease LX EP

*Multipurpose Extreme Pressure Lithium Complex Grease*

**Gazpromneft Grease LX EP** is multipurpose, extreme pressure greases based on a blend of high viscosity index mineral oils and a lithium complex soap thickener. They contain extreme pressure and other additives to provide protection against high temperature oxidation, wear, rust and corrosion. Gazpromneft Grease LX EP is suitable for wide range of applications including the industrial, automotive and construction. They are available in NLGI grades 1 and 2. Gazpromneft Grease LX EP is recommended for use over the temperature range -30°C to 160°C.

### Applications

- Gazpromneft Grease LX EP 1 is suitable for centralized lubrication systems, gear lubrication and other applications where good low temperature performance is required
- Gazpromneft Grease LX EP 2 is recommended for heavy duty bearings operating under severe conditions including shock loading found in industrial, automotive and construction applications

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
Very good oxidation resistance at high temperatures	Helps extend grease life and enhance bearing protection at high temperatures to reduce maintenance costs

Specification	Gazpromneft Grease LX EP 1	Gazpromneft Grease LX EP 2
DIN 51502	KP1P-30	KP2P-30

### Typical Characteristics

Properties	Method	Gazpromneft Grease LX EP 1	Gazpromneft Grease LX EP 2
NLGI Grade		1	2
Thickener Type		Lithium Complex	Lithium Complex
Color	visual	Blue	Blue
Penetration, worked 60 stokes, mm/10	ASTM D217	310-340	265-295
Base Oil Viscosity @40°C, mm <sup>2</sup> /s	ASTM D445	220	220
Dropping Point, °C	ASTM D2265	>250	>250
4-Ball Wear Scar Diameter, mm	ASTM D2266	0,4	0,4
4-Ball Weld Load, N	ASTM D2596	3000	3000
Rust Protection, distilled water	ASTM D6138	pass	pass
Water Washout, wt%	ASTM D1264	2,6	2,6

### 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.