

Gazpromneft Grease L

Multipurpose Lithium Grease

Gazpromneft Grease L is multipurpose industrial greases based on a blend of high viscosity index mineral oils and a lithium hydroxystreate soap thickener. Gazpromneft Grease L is suitable for most industrial applications, for the lubrication of anti-friction and plain bearings in motor vehicles as well as in construction and agricultural machinery. Gazpromneft Grease L may be used under normal loads and wide range of operating temperatures. They offer very significant advantages over conventional lithium greases at high temperature or in the presence of water. They are available in NLGI grades ranging from 00 to 3. Gazpromneft Grease L is recommended for use over the temperature range -30°C to 120°C.

Applications

- Gazpromneft Grease L 00, 0, 1 is recommended for moderate bearing conditions found in centrally lubricated equipment and for some lightly loaded gearbox applications working at normal ambient temperature. Excellent performance in low temperature applications
- Gazpromneft Grease L 2 is recommended for general industrial lubrication, anti-friction bearings, light loaded plain bearings, machine tools and centralized lubrication systems operating at normal temperatures
- Gazpromneft Grease L 3 is medium/hard consistency industrial grease, particularly recommended for the lubrication of electrical motor bearings

Features, Advantages & Potential Benefits

- **Excellent high temperature performance**
Very good performance up to +120°C provides longer bearing life
- **Excellent mechanical stability**
Stability under vibrations and no leakages due to grease softening
- **Excellent water and corrosion resistance**
Extended bearing life in wet environments for reduced bearing costs and unexpected downtime
- **Long storage life**
Stable consistency during prolonged storage

Meet the requirements

Specification	Gazpromneft Grease L 00	Gazpromneft Grease L 0	Gazpromneft Grease L 1	Gazpromneft Grease L 2	Gazpromneft Grease L 3
DIN 51502	K00K-30	K0K-30	K1K-30	K2K-30	K3K-30

Typical Characteristics

Properties	Gazpromneft Grease L 00	Gazpromneft Grease L 0	Gazpromneft Grease L 1	Gazpromneft Grease L 2	Gazpromneft Grease L 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	1600	1600	1600	1600	1600
Rust Protection, distilled water ASTM D6138	pass	pass	pass	pass	pass
Water Washout, wt% ASTM D1264	6	6	6	6	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.