

Gazpromneft Grease LTS

Multipurpose Extreme Pressure Lithium/Calcium Grease

Gazpromneft Grease LTS is multipurpose, extreme pressure industrial greases based on a blend of high quality mineral base oils and lithium/calcium soap thickener. They contain extreme pressure and other additives to provide good fretting corrosion performance, low water washout and good protection against bearing corrosion, combined with excellent mechanical stability and load-carrying capability. Gazpromneft Grease LTS is suitable for lubricating for roller and plain bearings at increased temperatures and under extreme loads. They are available in NLGI grades 1 and 2. Gazpromneft Grease LTS is recommended for use over the temperature range -30°C to 120°C.

Applications

- Gazpromneft Grease LTS is recommended for loaded slide-ball and roller-bearings, wheel bearings, universal joints, chassis, and various shock loaded or vibrating applications in transport, agriculture and off road equipment, operating in wet, dusty and/or dry conditions

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	Helps to avoid ejection or loss of consistency during operation
Excellent water and corrosion resistance	Extended bearing life in wet environments for reduced bearing costs and unexpected downtime
Excellent adhesion to metal	Excellent grease tenacity helps reduce leakage and extend re-lubrication intervals to help reduce maintenance cost

Specification	Gazpromneft Grease LTS 1	Gazpromneft Grease LTS 2
DIN 51502	KP1K-30	KP2K-30

Typical Characteristics

Properties	Method	Gazpromneft Grease LTS 1	Gazpromneft Grease LTS 2
NLGI Grade		1	2
Thickener Type		Lithium/Calcium	Lithium/Calcium
Color	visual	Amber	Amber
Penetration, worked 60 stokes, mm/10	ASTM D217	310-340	265-295
Dropping Point, °C	ASTM D2265	>190	>190
Base Oil Viscosity @40°C, mm ² /s	ASTM D445	220	220
4-Ball Wear Scar Diameter, mm	ASTM D2266	0,5	0,5
4-Ball Weld Load, N	ASTM D2596	3000	3000
Rust Protection, distilled water	ASTM D6138	pass	pass
Copper Strip Corrosion, 24 hrs @120°C	ASTM D130	1A	1A

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.