

## G-Energy Grease L Moly EP 2

*High Performance Multipurpose Extreme Pressure Lithium Grease with Molybdenum Disulfide*

**G-Energy Grease L Moly EP 2** is multipurpose, extreme pressure grease based on a blend of high viscosity index mineral oils and lithium soap thickener. Gazpromneft Grease L Moly EP 2 provides protection against wear, rust and corrosion, water washout and high temperature oxidation. It also contains molybdenum disulfide for added resistance to shock loading. Gazpromneft Grease L Moly EP 2 is suitable for use in passenger cars, trucks, farm tractors, contractor, construction, mining and mobile equipment. Gazpromneft Grease L Moly EP 2 is recommended for use over the temperature range -30°C to 120°C.

### Applications

- Constant Velocity (CV) and Universal Joints in automotive applications where a heavy duty, high load carrying grease is required
- Particularly recommended for bucket pins, fifth wheels, ball joints, king pins where molybdenum disulphide provides an extra level of protection where sliding friction and oscillating motion can lead to rupturing of the oil film, resulting in metal to metal contact

Features	Advantages and Potential Benefits
Outstanding extreme pressure properties	Reduced wear under heavy or shock loading and vibrations for equipment protection and extended life under severe operating conditions
Excellent mechanical stability	Resistance to grease softening with subsequent loss of lubrication performance and leakage
Excellent water and corrosion resistance	Extended equipment life in wet environments for reduced bearing costs and unexpected downtime
Very good thermal and oxidation stability	High resistance to temperature variations helps extend grease life and reduce maintenance costs

### Meets the requirements

Specification	G-Energy Grease L Moly EP 2
DIN 51502	KPF2K-30

### Typical Characteristics

Properties	Method	G-Energy Grease L Moly EP 2
NLGI Grade		2
Thickener Type		Lithium
Color	visual	Grey
Molybdenum Disulfide, wt%	calculated	3
Penetration, worked 60 stokes, mm/10	ASTM D217	265-295
Dropping Point, °C	ASTM D566	>190
Base Oil Viscosity @40°C, mm <sup>2</sup> /s	ASTM D445	150
4-Ball Wear Scar Diameter, mm	ASTM D2266	0,4
4-Ball Weld Load, N	ASTM D2596	2800
Rust Protection, distilled water	ASTM D6138	pass
Water Washout, wt%	ASTM D1264	4

### 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.