Petromar Lithium Complex EP Grease: High-Temperature Stability and Maximum Load Protection

Petromar Lithium Complex EP Grease is a premium-grade lubricant designed for high-temperature, high-pressure applications. With enhanced performance in extreme environments, this grease is ideal for use in heavy machinery, automotive parts, and industrial systems exposed to high thermal stress. It ensures long-lasting protection against wear, rust, and corrosion, providing smooth operation even under heavy loads.

Used for roller, wheel, and plain bearings, this high-performance grease offers superior protection under shock loads and vibrations, maintaining consistency from low to high temperatures (up to 260°C). Reliable, durable, and efficient for tough conditions.

Key Features:

- High-temperature stability for extended performance in hot operating environments.
- Excellent load-bearing and anti-wear properties for demanding applications.
- Superior protection against rust, corrosion, and water ingress.
- Exhibits excellent resistance to water washout and squeeze-out under heavy load conditions
- Maintains high shear stability for extended service life
- Provides robust protection against rust and corrosion in demanding environments.

Typical Properties:

PARAMETERS	TEST METHOD	UNIT	COMPLEX EP2	COMPLEX EP3
Soap/Thickener			Lithium Complex	Lithium Complex
Colour	Visual		Blue	Blue
Operating Temperature range, °C	ASTM 217	°C	-20 to 200	-20 to 260
Four ball weld load, N	DIN 51 350-4		265-290	280-300
Penetration @ 25°C, 0.1 mm	ASTM D27	°C/mm	265-295	220-250
Dropping point, °C	ASTM D566	°C	≥265	≥240
K viscosity of base oil @ 40°C, mm2/s	ASTM D445	mm2/s	160	160
Copper Corrosion, 100 °C, 24 h	D 4048	-	pass	pass

Packaging Options: Our Greases are available in various sizes to suit your needs:1KG, 15KG, and 180KG

Health and Safety: Find health and safety details in the Safety Data Sheet (MSDS) on our website.

Storage: Store products below 140°F (60°C), away from sparks, flames, and out of children's reach.

Disposal: Protect the environment by properly disposing of used lubricants. Contact us for assistance.