

POWEROIL GEM EP3

Extreme Pressure Greases

POWER GEM EP3 is a premium, heavy-duty extreme pressure (EP) grease formulated with a lithium soap thickener. It is engineered to deliver exceptional performance and protection under demanding operating conditions, including high loads and severe shock loading. This versatile grease is designed for a wide array of industrial applications where an NLGI Grade 3 grease with superior high-temperature stability is required.

Benefits

- It has very high drop points and anti-corrosion properties, which protects the parts from wear and corrosion.
- It has very high water and temperature resistance properties, which makes it suitable for universal application thus optimizing the inventory.
- Versatile Multipurpose Application: Its robust formulation makes it suitable for universal use in numerous applications, helping to streamline lubricant inventory and reduce complexity.

Applications

POWEROIL GEM EP3 is recommended for a wide variety of demanding applications, including:

- **Automotive & Transport:** Wheel bearings, universal joints, chassis components, and other shock-loaded or vibrating parts in transport fleets, agricultural machinery, and off-road vehicles.
- **Industrial:** Lubrication of plain and anti-friction bearings (slide, ball, and roller), bushings, and pins operating under normal to heavy load conditions.
- **General Purpose:** Ideal for multipurpose applications in diverse industrial settings requiring a high-performance NLGI 3 EP grease.

Performance Specifications

POWEROIL GEM EP3 meets the following performance requirements:

- NLGI 3

Typical Characteristics

Characteristics	Unit	Test Method	Specifications
Thickener Type/Soap		---	Lithium
Appearance/Colour	-	Visual	Smooth Homogeneous/Yellow
Thermal Usage Range	°C	-	-20 to 160
Worked Penetration, 60x	-	ASTM D 217	220-250
Drop Point	°C	ASTM D 566	190 Min.
Timken Test	Kg	ASTM D 2509	22
Four Ball Machine Welding Test	Kg	ASTM D 2596	250

Note: Always consult your owner's manual to check for recommended viscosity grade and specifications of oil for your particular vehicle.

Health, Safety & Environment

POWEROIL POWER GEM EP3 is not expected to produce any significant health & safety hazard when used properly in intended application. However, avoid skin contacts by using proper Gloves. After skin contact, wash immediately with soap and water. For details, follow Material Safety Data Sheet.

Disposing of any used oil in drainage is hazardous to environment. Take used oil to an authorized Collection point.