

POWER GEM LC2M

High Performance Lithium Complex Grease with Molybdenum Disulphide

POWEROIL POWER GEM LC2M GREASE is a heavy duty high performance grease with mineral base oils and lithium complex based thickener containing Molybdenum Disulphide (MoS₂) solid additives. POWER GEM LC2M display high performance to address heavy shock loads, even at slow operating speeds and high temperatures. Additionally, it has anti corrosion and anti-oxidant additives.

Benefits

- High base oil viscosity to provide excellent load carrying performance.
- Excellent mechanical stability thereby addressing high vibrating operations.
- Excellent EP properties leading to high shock load resistance.
- Outstanding ability to resist water washout situations.
- Effective corrosion protection.
- High drop point enabling operations at high temperatures.

Applications

Recommended for use in heavy duty, slow moving plain and rolling element bearings operating in the severe environments under heavy / shock loads, high temperatures, copious water presence also recommended at high vibration levels. Ideal choice for steel, cement, mining, paper, textile & chemical industry with increased re-greasing frequency.

Performance Specifications

- 3% of Moly

Typical Characteristics

CHARACTERISTICS	POWER GEM LC2M
Colour	Black
NLGI Grade	2
Penetration @ 25 °C, 60 strokes	265 - 295
Structure	Smooth and Homogeneous
Soap type	Lithium Complex
Base oil viscosity @ 40o C, cSt	460
Penetration @ 25o C, 60 strokes	282
Drop point, oC., Min.	250
Rust test ASTM D-1743	Passes
Weld load, Kg, IP-239, Min.	650
Copper corrosion, 24 hours @100 °C	1b

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 LC2M GREASE 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 any used oil in drainage is hazardous to environment. Take used oil to an authorized Collection point.