

POWER GEM EP1 & EP2

Extreme Pressure Greases

POWER GEM EP1 & EP2 are premium quality lithium base greases having extreme pressure (EP) properties. These greases prevent welding and seizure of moving parts often caused by shock loading and water washout.

Benefits

- Excellent shear stability
- High load carrying capacity
- High oxidation stability
- Good anti-rust & anti-corrosion properties

Applications

Recommended for both plain and anti-friction bearings in a wide variety of applications such as automotive, earth moving equipment, gear couplings, electric motors, mining equipment and general industrial machinery.

Performance Specifications

POWER GEM EP1 & EP2 meets the following performance requirements:

- BIS 7623 - 1993 (Second Revision)
- IPSS 1 - 09 – 005

Typical Characteristics

POWER GEM EP1 & EP2		
TEST PARAMETERS	TYPICAL VALUES (EP1)	TYPICAL VALUES (EP2)
Colour	Dark brown	Dark brown
Structure	Smooth	Smooth
Soap type	Lithium	Lithium
Base oil viscosity @ 40oC cSt, min	145	145
Penetration @ 25oC, 60 strokes	310 - 340	265 - 295
Drop point, oC, min	180	180
Rust test ASTM D-1743	Pass	Pass
Timken OK load, lbs, min ASTM 2509	40	40

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 GEM EP1 & EP2 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.