

POWEROIL GEM EP EXTREME PRESSURE GREASES

POWEROIL GEM EP00, 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 offer better water washout property.

PERFORMANCE STANDARDS: IS7623 - 1993(Reaffirmed 2001) for EP 1 & EP 2 grades

CHARACTERISTICS	POWEROIL GEM			
	EP 00	EP 0	EP 1	EP 2
Colour	Pale Yellow	Pale Yellow	Pale Yellow	Pale Yellow
Structure	Smooth	Smooth	Smooth	Smooth
Soap type	Lithium	Lithium	Lithium	Lithium
Base oil viscosity @ 40°C cSt	130 - 150	130 - 150	130 - 150	120 - 130
Penetration @ 25°C, 60 strokes	400-430	355-385	310-340	265-295
Drop point, °C., Min.	170	170	180	180
Rust test	Pass	Pass	Pass	Pass
Timken OK load, Kgs., Min.	20	20	20	20
Four ball weld load, Kgs, 200 Min., IP 239	N/A	N/A	Pass	Pass

The above properties are typical values and do not constitute specification of the product

APPLICATION:

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

PERFORMANCE BENEFITS:

- Outstanding Extreme Pressure properties, thereby avoiding welding and seizure of moving parts due to shock loading
- Excellent shear stability
- High oxidation stability
- Good anti-corrosion properties