

POWEROIL GEM EP EXTREME PRESSURE GREASES

POWEROIL GEM EP00, EP1, EP2 & EP3 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 & EP 3 grades

CHARACTERISTICS	POWEROIL GEM				
	EP 00	EP 0	EP 1	EP 2	EP 3
Colour	Brownish Yellow	Brownish Yellow	Brownish Yellow	Brownish Yellow	Brownish Yellow
Structure	Smooth	Smooth	Smooth	Smooth	Smooth
Soap type	Lithium	Lithium	Lithium	Lithium	Lithium
Base oil viscosity @ 40°C cSt	95 -105	135 - 165	130 - 150	135 - 165	135 - 165
Penetration @ 25°C, 60 strokes	400-430	355-385	310-340	265-295	220-250
Drop point, °C., Min.	170	180	180	180	180
Rust test	Pass	Pass	Pass	Pass	Pass
Timken OK load, Kgs., Min.	20	20	20	20	20
Four ball weld load, Kgs, 200 Min., IP 239	Pass	Pass	Pass	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