

## POWEROIL GEM EP 000 EXTREME PRESSURE GREASES

**POWEROIL GEM EP 000** is premium quality, High Performance lithium base Semi – fluid Grease having extreme pressure (EP) properties. This grease is formulated using High VI Base oil and Lithium soap coupled with an oxidation Inhibitor and EP additives to enable the grease to withstand heavy & shock loads during operation .**This is mainly designed to replace heavy viscosity gear oil in gear cases where excessive leakages are observed.**

CHARACTERISTICS	POWEROIL GEM EP 000
Colour	Pale Yellow
NLGI	000
Structure	Smooth
Soap type	Lithium
Base oil viscosity @ 40°C cSt	135 - 165
Penetration @ 25°C, 60 strokes	445 - 475
Drop point, °C., Min.	150
Rust test	Pass
Timken OK load, Kgs., Min.	20

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

### APPLICATION:

- POWEROIL GEM EP000 is specifically designed for lubrication of enclosed gears and bearings in poorly sealed gear cases
- Can also be used in many industrial applications wherein conventional gear oils cannot be retained in Chain cases, Gear cases etc
- Recommended temperature range is -10 °C to 120 °C

### PERFORMANCE BENEFITS:

- Good Pumpability in Centralized Systems
- Effective Leakage control
- Excellent Wear Protection under Heavy or Shock Loading
- Good Water Resistance characteristics
- Protection against rust and corrosion