

# EP GREASE 00 & 0

## Extreme Pressure Grease

**EP GREASE 00 & 0** are superior, smooth textured, extreme pressure greases in lithium complex soap thickener formulated from highly refined low viscosity and hydrocracked base stocks blended with sulfur-phosphorus base extreme pressure additives, low temperature suppressant, tackiness agent, and rust and oxidation inhibitors. They provide superior protection for bearing elements working on moderate to high speed operations in cold environmental conditions.

### Product Applications:

- All types of high speed machines, like electric motor bearings
- Centralized grease lubrication systems in cement factories, steel mills, crushing plants, and automotive manufacturing plants

### Performance Benefits:

- Superior protection in boundary lubrication regions of ball bearings
- Anti-wear and extreme pressure properties for effective lubrication
- Improved surface adhesion to ensure grease retention by preventing leaks from moving machineries with consequent reduction in environmental contamination
- Easy injection and good pumpability for centralized lubrication systems
- Enhanced anti-rust and anti-corrosion protection that extends bearing life
- Exceptional resistance to thermal stresses by resisting formation of deposits due to oxidation at high temperature
- Advanced level of anti-wear and extreme pressure qualities for outstanding bearing protection under mechanical stresses such as high speed and shock load

TYPICAL SPECIFICATIONS:			
Test Parameters	Test Method	Results	
NLGI Number		No. 00	No. 0
Soap Type		Lithium Complex	Lithium Complex
Base Oil		Mineral	Mineral
Color	Visual	Pale yellow	Pale yellow
Kinematic Viscosity @ 100°C, cSt	ASTM D7042	12.5	13.5
Kinematic Viscosity @ 40°C, cSt	ASTM D7042	120	130
Dropping Point, °C	IP 396	170	180
Operating Temperature, °C		-30 to 100	-25 to 120
Penetration, worked 60 strokes		415	370

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