



Peak Lubricants

224-230 South Gippsland Highway

Dandenong Victoria 3175

Ph:(03)9799-0977 Fax:(03)9799-7709 www.peakoil.com.au

PRODUCT NAME

LITHIUM GREASE - EP 00, EP 0, EP 1

DESCRIPTION & APPLICATIONS

Multi purpose lithium base grease containing rust, oxidation, and corrosion inhibitors and lead free extreme pressure additives. They are recommended for lubrication of rolling and plain bearings operating under normal or severely loaded service conditions. The NLGI semi fluid grades, which are No. 00 and 0, are recommended for "self- leveling" applications or once through centralised automatic or semi automatic lubrication systems. EP00 Lithium Grease is suitable for the lubrication of enclosed gears and bearings in poorly sealed gear cases and as a replacement for gear oils that cannot be retained in gearboxes due to worn seals. EP0 and EP1 Lithium Greases are suitable for centralised lubrication systems.

FEATURES & BENEFITS

EP Lithium Greases have been formulated to provide excellent lubrication characteristics and a high level of resistance to water washout to extend bearing life in wet environments. The recommended temperature range is from -20°C to 130°C, however they may be used at higher temperatures with the lubrication frequency increased accordingly. The excellent shear stability and high load extreme pressure characteristics will protect all moving parts from shock loadings, prevent scuffing and reduce wear. High shear stability ensures long service life in sealed anti-friction bearings, and the excellent resistance to mechanical shear combined with high film strength maintains grease consistency for extended lubrication service.

TYPICAL CHARACTERISTICS

| NLGI Grade | 00 | 0 | 1 |
|---|------------|------------|------------|
| Colour | Dark Brown | Dark Brown | Dark Brown |
| Penetration @ 25°C | | | |
| Worked 60 Strokes | 415 | 370 | 320 |
| Mineral oil viscosity @ 40°C (cSt) | 180 | 180 | 180 |
| Dropping point (°C) | 152 | 170 | 190 |
| Water washout @ 80°C (%) | - | - | 7 |
| Oxidation resistance pressure-drop, 100 hours (kpa) | 35 | 30 | 26 |
| Timken OK Load (kg) | 23 | 23 | 23 |
| 4 Ball weld (Kg/f) | 290 | 290 | 290 |
| 4 Ball wear scar (mm) | 0.48 | 0.48 | 0.48 |



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HEALTH / SAFETY & ENVIRONMENT

Health, safety and environmental information is provided on the Material Safety Data Sheet for this product. Users should consult the MSDS, follow the precautions outlined and comply with all laws and regulations concerning its use and disposal.

Typical characteristics are only a guide to industry and are not necessarily manufacturing or marketing specifications, and do not constitute any legal liability. Information is correct at time of printing.