



PRISTA® LiMo EP 2 G

Previous name: Prista Lithium EP 2 VG 150 MG

GREASES

Description and Application

Prista® LiMo EP 2 G is a lithium soap thickened lubricating grease, based on high quality mineral base oil of ISO VG 150. It contains antioxidants, rust and corrosion inhibitors and extreme pressure and anti-wear additives, as well as water-resistance and mechanical stability properties improvers. The added dry lubricants provide extra protection against wear, even under shock loads.

Prista® LiMo EP 2 G is a high quality, multipurpose, extreme pressure grease containing both MoS₂ and graphite. Best for greasing bearings operating under extreme pressure, shock loads, even at slow sliding and vibrations. The set of dry lubricating components provides reliable anti-wear protection, even in grease starving conditions.

Prista® LiMo EP 2 G is a heavy-duty grease formulated mainly for use in trucks and construction equipment, agricultural, quarrying and mining equipment such as excavators, loaders, bulldozers, pavers, compactors, as well as for premium lubrication of chassis components.

Operating temperature range of **Prista® LiMo EP 2 G** is from -25°C to +130°C, with possible short time peak operating temperature up to 140°C, if proper re-greasing intervals are applied.

Benefits

- good mechanical stability – resistant to softening with subsequent loss of lubrication performance and leakage
- very good water-resistance and rust inhibiting properties – protects bearing surfaces against corrosion, even when contaminated with water
- high load carrying capacity – contains extreme-pressure additives, helping withstand heavy loads without failure of the lubricant film
- wide range of industrial and automotive applications
- contains moly and graphite, providing efficient anti-wear protection in shock load conditions, even in cases of grease loss or accidental overheating

Specifications

| NLGI | 2 |
|----------------------|---------------|
| ISO 6743/9 | ISO-L-XBCHB 2 |
| DIN 51502, DIN 51825 | KPF2K-20 |

Typical Characteristics

| Parameter | Test Method | Typical Value |
|-------------------------------------------------------------|-------------|---------------|
| Oil type | | mineral |
| Thickener | | lithium soap |
| Color | Visual | Black |
| Kinematic Viscosity of base oil at 40°C, mm ² /s | EN ISO 3104 | 150 |
| Cone Penetration, worked at 25°C, 0.1 mm | ISO 2137 | 265-295 |
| Dropping Point, °C | ISO 2176 | >190 |
| Water washout test at 79°C, wt.% loss | ISO 11009 | <10 |
| Dynamic Rust Test (EMCOR) in distilled water | ISO 11007 | 1/1 |



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|-------------------------------------------|-------------|------|
| Four Ball EP Wear Test - Weld Point, N | ASTM D 2596 | 3150 |
|-------------------------------------------|-------------|------|

Important note: typical data values do not constitute a specification but are an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved.

Health, Safety and Handling

Based on current available information, this product is not expected to produce adverse effects on health when used for the intended application.

For more information about product MSDS, terms and conditions for storage and shelf life please visit:

www.prista-oil.com