



## REX L-EP

**PRODUCT DESCRIPTION:**

REX L-EP is a high-quality multi-purpose grease that is designed to provide extreme pressure protection. It is formulated with a lithium 12-Hydroxystearate soap thickener and high-quality mineral base oils. This grease is fortified with antioxidants, rust, and corrosion inhibitors, as well as extreme pressure and anti-wear additives. REX L-EP grease offers excellent mechanical stability, high load-carrying capacity, and effective protection against wear and corrosion. It is a reliable and versatile option for various applications where extreme pressure conditions are encountered.

**APPLICATIONS**

NLGI 0 and 1 greases are ideal for centralized lubrication systems due to their consistency. They are specifically recommended for steel mill lubrication, heavy-duty plain and rolling element bearings, and gearboxes that require semi-fluid grease. These greases are suitable for industrial applications with high unit pressures or shock loads. REX L-EP is also suitable for commercial vehicle and construction equipment applications such as chassis joints and pin bushing lubrication. NLGI 3 grade is recommended for inclined and vertical shaft applications, even under severe vibrations.

**PRODUCT ADVANTAGES**

- The operating temperature range is from -25°C to 130 °C.
- Excellent mechanical stability
- Easy to pump at low temperatures
- Excellent resistance against water
- Very good anti-wear protection
- Very good rust and corrosion protection

**TYPICAL PROPERTIES:**

| PARAMETERS                           | TEST METHODS | TYPICAL VALUE       |         |         |         |         |         |
|--------------------------------------|--------------|---------------------|---------|---------|---------|---------|---------|
|                                      |              | 000                 | 00      | 0       | 1       | 2       | 3       |
| NLGI Grade                           | -            | 000                 | 00      | 0       | 1       | 2       | 3       |
| Thickener Type                       | -            | Lithium             |         |         |         |         |         |
| Appearance                           | Visual       | Smooth & Homogenous |         |         |         |         |         |
| Color                                | Visual       | Yellow to Brown     |         |         |         |         |         |
| Work Penetration @25°C               | ASTM D217    | 445 - 475           | 400-430 | 355-385 | 310-340 | 265-295 | 220-250 |
| Copper Strip Corrosion, 24hrs @100°C | ASTM D4048   | 1b max.             | 1b max. | 1b max. | 1b max. | 1b max. | 1b max. |
| Dropping Point °C, Min               | ASTM D2265   | N/A                 | N/A     | N/A     | 190     | 190     | 190     |
| Water Washout Resistance %Wt. @79°C  | ASTM D1264   | N/A                 | N/A     | N/A     | Max 10  |         |         |
| Four Ball Weld Load, Kgf, Min        | ASTM D2596   | 200                 |         |         |         |         |         |
| Operating Temperature Range, °C      | INTERNAL     | -25 to 130          |         |         |         |         |         |
| Base Oil Viscosity @40°C (Cst)       | ASTM D445    | 90 - 110            |         |         |         |         |         |

**HEALTH & SAFETY, ENVIRONMENT:**

Prolonged and repeated contact with grease may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used grease in to drains or the environment. For further Information on Safety Guidelines please refer to MSDS available on our website [www.bravoil.ae](http://www.bravoil.ae)

**HEALTH & SAFETY:**

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet [www.bravoil.ae](http://www.bravoil.ae)

**PROTECT THE ENVIRONMENT:**

Comply with local regulation. Do not discharge into drains, soil or water.

**STORAGE:**

We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.