



## FRICTO L-EP

### PRODUCT DESCRIPTION:

Fricto L-EP is a multi-purpose extreme pressure greases based on lithium 12- Hydroxystearate soap thickener and high-quality mineral base oils. This grease contains antioxidants, rust and corrosion inhibitors, extreme pressure, and anti-wear additives. Fricto L-EP grease offers good mechanical stability, load-carrying capacity, wear and corrosion protection.

### APPLICATIONS

The consistency of NLGI 0, 1 greases makes them suitable for use in the centralized lubrication system. These greases are recommended for steel mill lubrication and heavy duty plain and rolling element bearings and gearboxes requiring a semi-fluid grease, heavy duty, industrial applications where high unit pressures or shock loads are present. FRICTO 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 shafts 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     | 180     | 180     | 180     |
| 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     | -20 to 130          |         |         |         |         |         |
| Base Oil Viscosity @40°C (Cst)       | ASTM D445    | 90 -110             |         |         |         |         |         |

**DISCLAIMER:** The test data provided above is not a specification but is indicative and may vary within permissible production tolerances. Lubrex reserves the right to modify this test data. Updated information will supersede previous versions, so please refer to the latest version of this Technical Data Sheet (TDS).

### HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further information on Safety Guidelines please refer to MSDS available on our website [www.lubrex.net](http://www.lubrex.net)

### 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.lubrex.net](http://www.lubrex.net)

### PROTECT THE ENVIRONMENT:

Take used oil to an authorized collection point. 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.

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