



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	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					

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

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

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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