



## ADURA LEP

### PRODUCT DESCRIPTION:

ADURA LEP is a versatile extreme pressure grease formulated with a lithium 12-hydroxystearate soap thickener and premium mineral base oils. It contains antioxidants, rust and corrosion inhibitors, as well as extreme pressure and anti-wear additives. ADURA LEP grease provides excellent mechanical stability, high load-carrying capacity, and superior protection against wear and corrosion.

### 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. ADURA LEP 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       |         |         |         |         |         |
|--------------------------------------|--------------|---------------------|---------|---------|---------|---------|---------|
| 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 presented above is for reference only and not a specification. It may vary within acceptable production tolerances. Alpha reserves the right to update this data, with the latest version of the Technical Data Sheet (TDS) taking precedence over previous versions.

### HEALTH & SAFETY, ENVIRONMENT:

Extended and repeated exposure to oil may lead to skin issues. Avoid contact. If contact occurs, wash immediately with soap and water. Do not dispose of used oil in drains or the environment. Instead, take it to an authorized oil collection facility. For more safety information, please refer to the MSDS available on our website: [www.alphaoil.ae](http://www.alphaoil.ae)

### HEALTH & SAFETY:

When used correctly in the recommended application and with proper personal hygiene, this product is unlikely to pose significant health or safety risks. For detailed safety information, refer to the Safety Data Sheet (SDS), available upon request from your local sales office or online. [www.alphaoil.ae](http://www.alphaoil.ae)

### PROTECT THE ENVIRONMENT:

Dispose of used oil at an authorized collection point. Follow local regulations and avoid releasing it into drains, soil, or water.

### STORAGE:

We recommend storing all packages under cover. If outdoor storage is necessary, drums should be placed horizontally to prevent water ingress and protect drum markings. Products should not be stored above 60°C or exposed to direct sunlight or freezing conditions.