



ADURA LCEP

PRODUCT DESCRIPTION:

ADURA LCEP is a high-performance extreme pressure grease designed for superior resistance to water washout while providing excellent protection against wear and corrosion. It is recommended for lubricating plain and rolling bearings operating under high loads and in wet environments. This grease offers outstanding mechanical stability, high load-carrying capacity, and effective corrosion protection. Fortified with a calcium 12-hydroxystearate thickener, ADURA LCEP delivers enhanced water resistance and mechanical stability, making it a truly versatile multipurpose grease.

APPLICATION

ADURA LCEP is a widely used extreme pressure grease recommended for the lubrication of plain and rolling bearings, operated under high loads and in wet environment. It is also suitable for commercial vehicle and construction equipment applications, agricultural and off-road applications. NLGI 000, 00, 0, 1 grades are suitable for centralized lubrication system where a semi fluid grease is required.

PRODUCT ADVANTAGES

- The operating temperature range is from -20°C to 130°C
- Very good rust and corrosion protection
- High-load carrying capacity
- Excellent resistance against water
- Very good anti-wear protection
- Good shear and stress stability
- Very good adhesion properties

TYPICAL PROPERTIES:

PARAMETERS	TEST METHODS	TYPICAL VALUE					
NLGI Grade	-	000	00	0	1	2	3
Thickener Type	-	Lithium					
Appearance	Visual	Smooth & Homogenous					
Color	Visual	Light 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	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

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

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.