



GRIPTOR LC-EP

PRODUCT DESCRIPTION:

GRIPTOR LC-EP is a high-performance extreme pressure grease specifically designed to resist water washout and protect lubricated components against wear and corrosion. Ideal for plain and rolling bearings operating under heavy loads in wet environments, this grease provides outstanding mechanical stability, load-carrying capacity, and corrosion protection. Fortified with calcium 12-hydroxystearate thickener, GRIPTOR LC-EP delivers enhanced water resistance and mechanical stability, making it a versatile multipurpose grease for demanding applications.

APPLICATION

GRIPTOR LC-EP 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					
		000	00	0	1	2	3
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 indicative and not a strict specification, as it may vary within acceptable production tolerances. Internal reserves the right to update or modify this test data. For the most accurate and current information, please refer to the latest version of this Technical Data Sheet (TDS).

HEALTH & SAFETY, ENVIRONMENT:

Continuous or repeated exposure to oil may lead to skin problems. Avoid contact with the oil. In case of contact, wash thoroughly with soap and water. Do not dispose of used oil in drains or the environment. Dispose of it at an authorized used oil collection point. For additional safety information, please refer to the MSDS available on our website at www.internal.net.

PROTECT THE ENVIRONMENT:

Take used oil to an authorized collection point. Comply with local regulation. Do not discharge into drains, soil or water.