

## Grenvo EP 3 Grease

### DESCRIPTION

Grenvo EP 3 Grease is a premium-quality, lithium-based extreme pressure (EP) grease designed for multifunctional use in demanding environments. It offers high-temperature stability, excellent shear resistance, and strong oxidation stability, along with superior water resistance. It also provides exceptional protection against rust & corrosion on lubricated surfaces, ensuring long-lasting performance in industrial & automotive applications.

### MAIN BENEFITS/FEATURES

- High dropping point with excellent thermal and structural stability
- Outstanding EP performance for heavy loads
- Superior rust protection for extended equipment life
- Effective corrosion inhibition in harsh environments
- Excellent oxidation resistance for long service life
- High-viscosity base oil for enhanced film strength under stress
- Resistant to water washout and grease loss due to vibration or movement

### APPLICATIONS

Grenvo EP 3 Grease is a high-performance lithium-based EP grease recommended for antifriction and plain bearings in a wide range of industrial applications, including steel plants, cement factories, and roller bearings in electric motors and fans. Its firm consistency and excellent anti-corrosion properties make it highly suitable for wheel bearings on boat trailers, where moisture resistance is essential. Additionally, Grenvo EP 3 Grease is ideal for all grease-lubricated components in automobiles and commercial vehicles, offering reliable protection under heavy loads and severe operating conditions.

## PRODUCT DATA SHEET

S. No.	Characteristics	Test Method	Specs	Typical Results
1.	Type of Thickener	-	Lithium Soap	Lithium Soap
2.	Appearance & Texture	Visual	Smooth & Homogeneous	Smooth & Homogeneous
3.	Color	Visual	Light Brown	Light Brown
4.	Consistency of Worked grease at 25 ± 0.5 °C			
	Worked Penetration (60 double strokes)	ASTM D217	220-250	236
5.	NLGI Grade	ASTM D 217	3	3
6.	Drop Point, °C, Min	ASTM D2265	180	198
7.	Copper Strip Corrosion at 100°C, for 24 hrs., Max	ASTM D4048	1b	1b

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8.	Oil Separation, % Wt, Max	ASTM D1742	10	2
9.	Resistance to Water Washout, % Wt Loss, Max	ASTM D1264	10	4
10.	Oxidation Stability, psi Drop, Max	ASTM D942	7	3.6
11.	SKF EMCOR Rust Test, Rating	ASTM D6138	0,0	0,0
12.	Four-Ball Weld Load, kgf, Min	ASTM D2596	250	250
13.	Operating Temperature Range	Internal	-20°C to +130°C	-20°C to +130°C
14.	Kinematic Viscosity of Base Oil, @ 40°C, cSt	ASTM D445	ISO VG 180	180 ( $\pm$ 10%)

### PACKAGES

- ✓ 15 kg Pail
- ✓ 180 kg Drum

### HANDLING, HEALTH AND SAFETY

- This product poses no significant health or safety risks when handled properly; however, it should be used with care, following good hygiene practices and avoiding prolonged skin contact
- Avoid frequent or direct contact with the eyes
- Keep away from sparks and flammable materials
- Grenvo or its subsidiaries accept no liability for misuse of the product or use beyond the recommended guidelines, precautions, or intended applications
- For further information, please contact the Grenvo Head Office

### Health and Safety

This grease is not considered hazardous under normal usage conditions. For additional information and safety guidance, please refer to the relevant Material Safety Data Sheet (MSDS).