

GRENVO EP 2 GREASE

DESCRIPTION

Grenvo EP 2 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 2 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 2 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	s265-295	277
5.	NLGI Grade	ASTM D 217	2	2
6.	Drop Point, °C, Min	ASTM D2265	180	196
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	3
9.	Resistance to Water Washout, % Wt Loss, Max	ASTM D1264	10	5
10.	Oxidation Stability, psi Drop, Max	ASTM D942	7	3.8
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).