

Grenvo EP 00 Grease

DESCRIPTION

Grenvo Grease LEP-00 is a premium lithium-based extreme pressure (EP) grease, designed for multifunctional industrial use. It delivers high-temperature stability, shear resistance, and excellent oxidation stability, along with strong water resistance. This grease also provides outstanding protection against rust and corrosion on all lubricated surfaces, ensuring long-lasting and reliable performance in a wide range of demanding applications.

MAIN BENEFITS/FEATURES

- High dropping point with good thermal and structural stability
- Superior EP performance for heavy-duty conditions
- Superior rust protection for extended equipment life
- Effective corrosion inhibition in harsh and wet environments
- Excellent oxidation resistance for long service life
- High-viscosity base oil enhances film strength and load-carrying capacity
- Resistant to water washout and grease loss due to vibration or movement

APPLICATIONS

Grenvo Grease LEP-00 is formulated to offer excellent low-temperature pumpability, making it ideal for centralized lubrication systems and applications that demand reliable flow and performance in cold environments. It is recommended for antifriction and plain bearings used in various industrial sectors, including steel plants, cement plants, and roller bearings in electric motors and fans, where consistent lubrication under varying temperatures is essential.

PRODUCT DATA SHEET

S. No.	Characteristics	Test Method	Specs	Typical Results
1.	Type of Thickener	-	Lithium Soap	Lithium Soap
2.	Appearance & Texture	Visual	Smooth & Buttery	Smooth & Buttery
3.	Color	Visual	Light Brown	Light Brown
4.	Consistency of Worked grease at 25 ± 0.5 °C			
	Worked Penetration (60 double strokes)	ASTM D217	400-430	411
5.	Drop Point, °C, Min	ASTM D2265	N/A	N/A
7.	Free Organic acidity (as Oleic Acid) % by mass	ASTM D128	NIL	NIL
8.	Copper Strip Corrosion at 100°C, for 24 hrs.	ASTM D4048	1b	1b
12.	Operating Temperature Range	Internal	-20°C to +120°C	-20°C to +120°C

Product Data Sheet

13.	Kinematic Viscosity of Base Oil, @ 40°C, cSt	ASTM D445	VG180 (+/- 10%)	180
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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).