



Product Data Sheet

Grenvo MP 3 Grease

DESCRIPTION

Grenvo MP 3 Grease is a premium-quality, lithium-based multipurpose grease, designed for high-temperature, high-shear, and oxidation-resistant applications. It offers excellent water resistance and provides superior protection against rust and corrosion on lubricated surfaces, making it ideal for a wide range of industrial and automotive uses.

MAIN BENEFITS/FEATURES

- High dropping point with excellent thermal and structural stability
- Outstanding rust protection for extended equipment life
- Superior corrosion inhibition in harsh environments
- Excellent oxidation resistance for long-lasting performance
- High-viscosity base oil ensures strong lubrication
- Resistant to water washout and grease loss due to vibration or movement

APPLICATIONS

Grenvo MP 3 Grease is recommended for use in antifriction and plain bearings across a wide range of industrial applications, including steel plants, cement plants, and roller bearings in electric motors and fans. Its firm consistency and excellent anti-corrosion properties also make it well-suited for wheel bearings on boat trailers, where exposure to moisture is common. Additionally, Grenvo MP 3 Grease is ideal for grease-lubricated parts in automobiles and commercial vehicles, offering reliable performance under varied 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.	Drop Point, °C, Min	ASTM D2265	180	198
6.	Free Alkalinity (as LiOH) % by mass	ASTM D128	0.1	0.02
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	1a	1a

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9.	Leakage and deposits forming tendencies (Wheel Bearing Test)			
a)	Leakage by mass (g) Max	ASTM D1263	5	1.7
b)	Deposit in the wheel bearing races of the rollers	ASTM D1263	Shall be free from deposits	No Deposit
c)	Indication of dry running of races	ASTM D1263	No dry running of races	Pass
10.	Oxidation Stability, psi Drop, Max	ASTM D942	7	3.8
11.	SKF EMCOR Rust Test, Rating	ASTM D6138	0,0	0,0
12.	Operating Temperature Range	Internal	-20°C to +120°C	-20°C to +120°C
13.	Kinematic Viscosity of Base Oil, @ 40°C, cSt	ASTM D445	ISO VG 150	150 (\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).