

GRENVO CALCIUM SULFONATE COMPLEX GREASE

DESCRIPTION

Grenvo Calcium Sulfonate Complex Grease is a premium-quality, multifunctional lubricant formulated for use in demanding industrial and automotive environments. Based on advanced calcium sulfonate technology, it delivers outstanding high-temp. stability, excellent shear resistance, and strong oxidation stability. Engineered for superior water resistance and protection against rust & corrosion on lubricated surfaces.

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 Calcium Sulfonate Complex Grease is a premium-quality calcium sulfonate-based grease engineered for high-temperature industrial applications. It is ideally suited for use in demanding environments such as steel plants, cement factories, and electric motor or fan bearings. With its firm consistency and superior anti-corrosion properties, this grease offers exceptional performance in high-temperature and high-load bearing applications, even under moist or wet conditions. It delivers long-lasting lubrication, excellent mechanical stability, and reliable performance in harsh operating conditions.

PRODUCT DATA SHEET

S. No.	Characteristics	Test Method	Specs	Typical Results
1.	Type of Thickener	-	Calcium Sulfonate Complex	Calcium Sulfonate Complex
2.	Appearance & Texture	Visual	Smooth & Homogeneous	Smooth & Homogeneous
3.	Color	Visual	Brown	Brwon
4.	Consistency of Worked grease at 25 ± 0.5 °C			
	Worked Penetration (60 double strokes)	ASTM D217	265-295	286
5.	Drop Point, °C, Min	ASTM D2265	260	>300
6.	Copper Strip Corrosion at 100°C, for 24 hrs., Max	ASTM D4048	1b	1b
7.	Oil Separation, % Wt., Max	ASTM D1742	10	1

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8.	Oxidation Stability, psi Drop, Max	ASTM D942	7	3.5
9.	Resistance to Water Washout, % Wt. Loss, Max	ASTM D1264	10	1
10.	SKF EMCOR Rust Test, Rating	ASTM D6138	0,0	0,0
11.	Four-Ball Weld Load, Kgf, Min	ASTM D2596	500	500
12.	Operating Temperature Range	Internal	-10°C to +180°C	-10°C to +180°C
13.	Kinematic Viscosity of Base Oil, @ 40°C, cSt	ASTM D445	ISO VG460	460 (+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).