

MAVERICK PETROCHEM®

CALCIUM SULFONATE GREASE EP + MoS2 3%



TECHNICAL SHEET

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DESCRIPTION:

Maverick Petrochem® Calcium Sulfonate Grease EP + MoS2 3% are premium quality greases formulated with advanced calcium sulfonate thickener technology, represents a significant advance in grease formulation technology. The calcium sulfonate thickener does much more than simply impart consistency. It imparts excellent corrosion and water-resistance properties to the grease and has inherent extreme-pressure protection properties that enhance load-carrying ability. Further, the EP properties derived from the calcium thickener also have inherently better thermal stability than those conventional Sulphur/Prophorus EP Additives.

Fortified with 3% molybdenum disulfide to complement a robust extreme-pressure additive system, Maverick Petrochem® Calcium Sulfonate Grease EP + MoS2 3% are particularly well suited to meet the demanding lubrication requirements of heavy-duty truck chassis, construction and mining equipment, and heavily load industrial bearings.

BENEFITS:

- ▶ Excellent extreme-pressure protection and load-carrying ability for equipment protection under heavy and shock loading.
- ▶ Fortified with 3% molybdenum disulfide for retention of EP performance and equipment protection in severe sliding situations.
- ▶ Outstanding corrosion and water resistance for highly reliable lubrication in hostile environments.

APPLICATIONS:

- ▶ Heavy-duty trucks, including chassis, spring shackles, king pins, tie rods, u-joints, hinge and bucket pins and fifth wheels.
- ▶ Mining and construction equipment.
- ▶ Marine equipment.
- ▶ Highly loaded industrial bearings.

TECHNICAL DATA:

Characteristics	Test Method	Typical Results
Thickener Type		Calcium Sulfonate
Colour		Grey
Worked Penetration, 60 Strokes	ASTM D-217	280
Dropping Point, °C	ASTM D-2265	308
Base Oil Viscosity cSt @ 40°C	ASTM D-445	320
Base Oil Viscosity cSt @ 100°C	ASTM D-445	24
Water washout, wt %, Max.	ASTM D-1264	1
Water spray off, %, Max.	ASTM D-4049	20
Molybdenum Disulfide Content, wt%		3
Four Ball Wear, mm Scar Dia, Max.	ASTM D-2266	0.5
Four BALL EP Weld Load, Min.	ASTM D-2596	500
Timken OK Load, LB.	ASTM D-2509	60



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