



HD MOLY 5% EP2 GREASE

MOTOSEL HD Moly 5% EP2 Grease

is a premium performance multi-purpose grease formulated with advanced calcium sulfonate thickener technology and fortified with 5% Molybdenum Disulfide. It is a unique formula that combines a synthetic soap with highly refined high VI base oils and superior protective additives to provide excellent anti-wear, extreme pressure, rust and corrosion protection. It has exceptional water washout resistance, oxidation and shear stability for long life. This product has been designed to maximize component life and reduce frequency and amount of relubrication.

Motosel HD Moly 5% EP2 Grease is an exceptional multi-purpose grease that has outstanding high and low temperature performance. Recommended for construction, agricultural, commercial vehicles, automotive disc and drum brake wheel bearing, chassis ball joint and universal joints.

Features

- Excellent Extreme Pressure Properties
- High Shock Load Resistance
- Superior Rust and Corrosion Protection
- Outstanding Oxidation Stability

Benefits and Applications

- Slow speed bearings in mining and heavy manufacturing
- Heavy duty chassis lubrication, ball joints & universal joints
- Ball and roller bearings
- Heavy service industrial lubrication
- Recommended for wheel bearings both disc and drum
- Fifth wheel applications



Specifications

Soap type: Calcium Sulfonate with 5% Moly
NLGI grade: 2
Color: Moly gray
Texture: Smooth, buttery

HANDLING AND SAFETY INFORMATION -

Refer to MOTOSEL (SDS) Safety Data Sheets for proper handling and safety information. Use the same care and handling as for any petroleum product. Nothing herein shall be deemed to constitute a warranty, express or implied, that said information or data are correct or that the products described are merchantable or fit for a particular purpose, or that said information, data or products can be used without infringing patents of third parties.

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PHYSICAL CHARACTERISTICS

TECHNICAL DATA	TYPICAL RESULTS	ASTM METHODS
ALL APPLICATIONS		
Penetration @77°F		
Worked 60 Strokes	279	ASTM D 217
Worked 10,000 Strokes	284	ASTM D 217
Worked 100,000 Strokes	287	ASTM D 217
Drop Point (°C/°F)	288(550)	2
4 Ball Wear Scar Diam., mm	0.45	ASTM D 2266
4 Ball Load Wear index kgf	75	ASTM D 2596
4 Ball EP Weld kgf	620	ASTM D 2596
Roll Stability Penetration, % Change	293 (+5)	ASTM D 1831
Low Temperature Torque N-m	9.0	ASTM D 4693
Low Temperature Mobility, US Steel Method OF., g/min	14.0	ASTM D 4693
Fafnir Bearing Weight Loss 22Hr @ RT, mg loss	6.0	ASTM D 4170
Timken OK Load lbs	65	ASTM D 2509
Seal Compatibility		ASTM D 4289
Elastomer CR, 70 Hr., at 100 °C		
Volume Change %	7.7	
Hardness Change %	0	
Elastomer NBR-L, 70 Hr., at 150 °C		
Volume Change %	-3	
Hardness Change %	2.8	
Rust Prevention Rating, Salt Water	Pass	ASTM D 1743
Rust Prevention Rating, DI Water	Pass	Pass
Water Washout @ 175°F, %	0.5	
Oil Separation, % Loss	0.5	
Base Oil		
Viscosity @ 40 °C, cSt	170	ASTM D 445

Typical test data are average values only.

Minor variations which do not affect product performance are to be expected during normal manufacturing.