



HI-TEMP RED GREASE

MOTOSEL Hi-Temp Red Grease

MOTOSEL Hi-Temp Red Grease is a premium extreme pressure (EP) multi purpose grease with outstanding high temperature performance. Provides excellent lubrication over a wide temperature range and a variety of services.

Features / Benefits

- Excellent water resistance
- Outstanding rust and corrosion protection
- Excellent oxidation resistance
- Wear protection under extreme loads
- Resists softening due to heat
- Resists separation and pumps easily

Benefits and Applications

- Heavy duty fleet chassis lubrication, ball joints, and univesal joints
- Boat trailers
- Ball and roller bearings
- Heavy service industrial lubrication
- Recommended for wheel bearings both disc and drum

Recommendations/Specifications

Meets requirements of NLGI GC-LB

Special Handling, Notices or Warnings

Use the same care and handling as for any petroleum product.

PHYSICAL CHARACTERISTICS



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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PROPERTIES	TYPICAL RESULTS	TEST METHODS
ALL APPLICATIONS		
Appearance	Red	Visual
Consistency	Smooth, Adhesive	Visual
Soap Type	Lithium Complex	-
NLGI Grade	2	-
NLGI Classification	GC-LB	-
Worked Penetration	265-295	ASTM D 217
Drop Point (°C/°F)	260(500)	ASTM D 2265
Oil Separation	1.2	ASTM D 1742
Base Oil Viscosity		ASTM D 445
cSt @ 40 °C / cSt @100 °C	214 / 15.74	
Viscosity Index	67	ASTM D 2270
AUTOMOTIVE APPLICATIONS		
Water Washout @ 175 °F	4.1	ASTM D 1264
Leakage Tendencies, g loss	1.4	ASTM D 4290
High Temp Life hours	100	ASTM D 3527
Fretting Protection mg	7.8	ASTM D 4170
4 Ball Wear Scar Diam., mm	0.54	ASTM D 2266
4 Ball Load Wear index kgf	50	ASTM D 2596
4 Ball EP Weld kgf	315	ASTM D 2596
Rust Test	Pass	ASTM D 1743
Elastomer change at 100 °C		ASTM D 4289
Volume Change %	24	
Hardness Change %	-9	
Low Temperature Torque N-m	13.0	ASTM D 4693
INDUSTRIAL APPLICATIONS		
Timken OK Load lbs	45	ASTM D 2509
Cu corrosion	Pass	ASTM D 4048
Oxidation, psi drop @ 100 hrs	10 max	ASTM D 942

Typical test data are average values only.

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

