



Eaton Multipurpose Grease is a high performance NLGI Grade 2 lithium-complex grease for a variety of uses for both on and off road applications, where the use of conventional lithium grease is limited.

Application:

It is recommended for lubrication of U-joints, tripod CV joints, drive shafts, release bearings in clutches and brakes with high temperature conditions. Its excellent low temperature behavior makes it suitable for extreme climate conditions across the country. Eaton multipurpose grease has excellent anti-friction properties in order to reduce shudder. It is also suitable for machinery in construction, dredging, forestry, marine, and mining where this type of grease is required.

Eaton multipurpose grease provides the following benefits:

- Meets NLGI GC-LB (Chassis and Wheel Bearing) requirements
- Approved for use on Eaton driveline components
- Improved extreme pressure and rust protection
- Copper and iron corrosion resistance
- Extended bearing life
- Low oil bleed
- Provides greater “wash off” resistance
- Performs in high and low temperatures
- Excellent elastomer compatibility
- Recommended operating temperatures between -40°C and +150°C



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SUPPORT

For spec'ing or service assistance, call 1-800-826-HELP (4357) or visit www.eaton.com/roadranger. In Mexico, call 001-800-826-4357.

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Typical Properties

CHARACTERISTICS	EATON MULTIPURPOSE GREASE	TEST METHODS
NLGI Grade	2	ASTM D217
Thickener Type	Li-Complex	
Color	Blue	Visual
Texture	Smooth	
Dropping Point, °C	274	ASTM D2265
Base Oil Viscosity, cSt		ASTM D445
100°C	15.6	
40°C	150	
Timken OK load, kg (lbs)	50 (110)	ASTM D2509
Four Ball EP		ASTM D2596
Load Wear Index, kgf	74	
Weld Point, kg	620	
Four Ball Wear, scar diameter, mm	0.41	ASTM D2266
Fretting Wear, mg	5.1	ASTM D4170
Rust Test, rating	Pass	ASTM D1743
Copper Corrosion, rating	1A	ASTM D4048
Wheel Bearing Leakage, grams	4.0	ASTM D4290
Bearing Life Performance, hours	140	ASTM D3527
Water Resistance at 80°C, % removed	3.9	ASTM D1264
Oil Separation, % loss	1.8	ASTM D1742
Low Temperature Torque @ -40°C, Nm	9.7	ASTM D4693
Elastomer Compatibility		ASTM D4289
ASM 3217/3B CR Type 70 hrs @ 100°C		
Volume Change, %	14	
Hardness Change, Durometer-A, pts	- 6	
ASM 3217/2B NBR-L Type 70 hrs @ 150°C		
Volume Change, %	10	
Hardness Change, Durometer-A, pts	+ 2	

Note: Features and specifications listed in this document are subject to change without notice and represent the maximum capabilities of the software and products with all options installed. Although every attempt has been made to ensure the accuracy of information contained within, Eaton makes no representation about the completeness, correctness or accuracy and assumes no responsibility for any errors or omissions. Features and functionality may vary depending on selected options.

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