



Product Bulletin

GULFLEX MOLY EP #2 GREASE LITHIUM COMPLEX

Gulflex Moly EP #2 Grease Lithium Complex is a premium, NLGI #2 extreme pressure (EP) lithium complex grease specifically designed to provide superior performance under the most severe automotive, off-road, and industrial applications.

FEATURES AND BENEFITS:

Gulflex Moly EP #2 Grease Lithium Complex is an extremely stable, contamination resistant grease formulated from high viscosity index base oils, thickening agent, and additive components specifically selected for their high temperature performance. It is fortified with 3% molybdenum disulfide and special polymers to provide superior adhesion and longer equipment life. Additionally, this product offers:

- Low oil separation
- High dropping point of 550°F
- Outstanding load carrying capacity
- Excellent protection from water wash-off
- Excellent resistance to rust and corrosion
- Meets or exceeds the requirements of NLGI GC-LB
- Outstanding extreme pressure and antiwear characteristics
- Excellent thermal and mechanical stability in conditions of severe operating temperatures

APPLICATIONS:

Gulflex Moly EP #2 Grease Lithium Complex is the ideal lubricant for a variety of grease applications, including wet and dirty environments, heavy shock loads, heavy-duty chassis, wheel bearings, fifth wheels, universal and constant velocity (CV) joints, on-highway truck fleets, mining, agricultural, construction, logging, and earth moving equipment. It meets the performance specification of Caterpillar's MPGM 3% MoS₂ lithium complex grease.

AVAILABILITY:

Gulflex Moly EP #2 Grease Lithium Complex is available throughout Gulf's marketing area. Your Gulf representative or Gulf jobber can provide specific information. Need additional information? Call Gulf @ 1-800-566-GULF (4853).



AMERICAN REFINING GROUP, INC.

Master Distributor of Gulf Lubricants • 77 North Kendall Avenue • Bradford, Pennsylvania • 16701
Phone: 814.368.1200 • Fax 814.368.1219 • www.gulflubricants.net • ISO 9001:2008

Gulflex Moly EP #2 Grease Lithium Complex – Typical Properties

NLGI Grade		#2
Product Code	Test Method	343013
Thickener Type	ASTM D-128	Lithium Complex
Thickener Content, wt.%	ASTM D-128	10
Molybdenum Disulfide, wt.%	ASTM D-128	3.0
Base Oil Viscosity, cSt @ 40°C	ASTM D-445	345
Base Oil Viscosity, cSt @ 100°C	ASTM D-445	24.5
Base Oil Viscosity, SUS @ 100°F	ASTM D-2161	1600
Base Oil Viscosity, SUS @ 210°F	ASTM D-2161	119
Base Oil Viscosity Index	ASTM D-2270	90
Color	Visual	Gray
Appearance	Visual	Smooth
Cone Penetration @ 77°C Worked, 60x Worked, 10,000x, % Change	ASMT D-217	280 ---
Dropping Point, °F (°C) (min)	ASTM D-2265	550 (287)
Four-Ball Wear Test, mm	ASTM D-2266	0.48
Four-Ball EP Test, Load Wear Index (LWI), kgf Four-Ball Weld Point, kgf	ASTM D-2596	45 500
Water Washout, wt.% loss @ 175°F	ASTM D-1264	3.2
Copper Strip Corrosion	ASTM D-4048	1B
Rust Prevention, rating	ASTM D-1743	Pass
Low Temp. Torque @ -40°C, N·m	ASTM D-4693	7.9
Wheel Bearing Life Test, hours	ASTM D-3527	87
Operating Temperature Ranges Minimum, °F (°C) Maximum Continuous Service, °F (°C)		0 (-18) 425 (218)
Timken OK Load, lbs.	ASTM D-2509	50