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DATA SHEET

PROTECTION *you demand.* | PERFORMANCE *you deserve.*™

Synthetic Multi-Purpose Grease

AMSOIL Synthetic Multi-Purpose Grease delivers the ultimate combination of protection and convenience for professionals and DIYers seeking peace of mind that components are running clean and trouble-free. It effectively reduces friction and wear and lasts long in service for reduced maintenance and downtime, even in severe operating conditions.

NLGI #2
GC-LB
HPM

Performance Features

Composed of premium-quality synthetic base oils and calcium sulfonate complex thickeners, AMSOIL Synthetic Multi-Purpose Grease provides exceptional film strength and shear resistance for robust component protection in severe service, while also providing superior adhesion properties to effectively resist water washout and stay in place longer. It excels in temperature extremes by providing excellent oxidation stability, high-temperature dropping point and low-temperature torque value and pumping capability. AMSOIL Synthetic Multi-Purpose Grease is formulated with oil-soluble extreme-pressure additives for heavy loads, as well as oxidation and corrosion inhibitors to protect against the effects of corrosion. It also meets the performance requirements of the NLGI HPM core specification.

- **Resists** thermal and oxidation degradation for long-term performance
- **Excellent** water-washout resistance to stay in place longer
- **Outstanding** low-temperature pumpability and torque value, improving cold-season operability
- **Adhesive** and shear-stable to prevent squeeze out
- **Excellent** load-carrying and EP performance for heavy and abusive loads

Application Recommendations

AMSOIL Synthetic Multi-Purpose Grease is the preferred choice for a wide range of ambient temperatures and environments, wheel bearings, suspension systems and a variety of automotive applications.

Use AMSOIL Synthetic Multi-Purpose Grease in heavy- and light-duty applications found in manufacturing facilities, automobiles, trailers and landscaping, agricultural and powersports equipment. These include, but are not limited to, roller bearings, plain bearings, thrust bearings, gears, electric motors, presses, winches, bushings, wheel bearings, chassis lubrication, universal joints, ball joints, tie-rod ends and steering knuckles.

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TYPICAL TECHNICAL PROPERTIES

AMSOIL Synthetic Multi-Purpose Grease (GLC)

Thickener	Calcium Sulfonate Complex
NLGI Consistency Grade	2
NLGI Performance Grade	GC-LB, HPM
Operating Range °F (°C)	-40 to 350 (-40 to177)
Penetration (ASTM D217), worked 60 strokes	280
Dropping Point °F (°C) (ASTM D2265)	>600 (>316)
High-Temperature Life, hours (ASTM D3527)	120
Water Washout, % (ASTM D1264)	1.5
Rust and Corrosion (ASTM D1743)	Pass
Oil Separation, % loss (ASTM D1742)	0.49
Leakage, g lost (ASTM D4290)	2.3
Four-Ball Wear Test, mm scar (ASTM D2266)	0.40
Four-Ball EP, kgf (ASTM D2596)	
Weld Point	620
Timken OK Load Test, lbs (ASTM D2509)	65
Low-Temperature Torque, N•m (ASTM D4693)	
(-40°C [-40°F])	8.6
Base Oil Viscosity	
@ 40°C, cSt	170
Color	Red
Texture	Smooth with tack

APPLICATION MAINTENANCE

Maintaining a clean work environment is important when greasing equipment. Wipe grease fittings clean prior to injecting grease to prevent contaminant ingestion. Maintain bearing housings one-third to one-half full of grease. Do not over-grease, as excessive heat buildup can result. Supplement standard grease maintenance by periodically cleaning and packing housings with fresh grease on an established maintenance schedule.

PRODUCT AVAILABILITY

AMSOIL Synthetic Multi-Purpose Grease is available in 14-oz. cartridges, 35-lb. lugs, 120-lb. kegs and 400-lb. drums.

COMPATIBILITY

AMSOIL Synthetic Multi-Purpose Grease is compatible with many other types of grease; however, it is recommended that when changing greases, the equipment be cleaned of the old grease when possible or flushed with a liberal amount of AMSOIL Synthetic Multi-Purpose Grease while the mechanism is in operation. Closely monitor the system for any inconsistencies. Grease compatibility questions should be referred to your AMSOIL representative or AMSOIL INC.

AMSOIL PRODUCT WARRANTY

AMSOIL products are backed by a Limited Liability Warranty. For complete information visit AMSOIL.com/warranty.aspx.

HEALTH & SAFETY

This product is not expected to cause health concerns when used for the intended application and according to the recommendations in the Safety Data Sheet (SDS). An SDS is available via the Internet at AMSOIL.com or upon request at (715) 392-7101. **Keep Out of Reach of Children.**

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AMSOIL products and Dealership information are available from your local full-service AMSOIL Dealer.

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