



SERIES 2000

SYNTHETIC LITHIUM COMPLEX RACING GREASE

**MULTI-PURPOSE NLGI NO. 2
EP GC-LB**

Unbeatable high-speed/high temperature performance

AMSOIL Series 2000 Racing Grease protects wheel bearings and chassis from the dangerous, damaging heat created by hot pavement, huge engines and the unceasing friction of intense speed. It is ideal for all high temperature/high speed applications.

Load Capacity

AMSOIL Series 2000 Racing Grease is an extreme-pressure multi-purpose grease formulated for high-temperature/high-speed applications. Yet, it excels in the protection of low-speed bearings, a job usually reserved for heavy-duty products. Components get the load bearing capacity of a heavy-duty grease without sacrificing the high-temperature protection of a multi-purpose.

Anti-Wear Performance

AMSOIL Series 2000 Racing Grease passes the Ford Film Strength Endurance Test test with a 16 point margin (see graph). Most nonsolid-fortified racing greases, synthetic or conventional, do not pass. AMSOIL Series 2000 Racing Grease keeps greased components in like-new condition.

All-Temperature Protection

AMSOIL Series 2000 Racing Grease pairs a high Viscosity Index synthetic base oil with a top-quality lithium complex thickener, known for its extraordinary performance in temperature extremes. AMSOIL Series 2000 Racing Grease offers excellent low-temperature pumpability and high-temperature consistency for dependable all-temperature protection.

Oxidation Resistance and Inhibition

AMSOIL Series 2000 Racing Grease's excellent oxidation resistance and robust package of oxidation inhibitors prevent grease breakdown and component surface damage in the highly oxidizing conditions associated with high temperature operations.

Friction Reduction

AMSOIL Series 2000 Racing Grease maximizes power through-put and fuel efficiency by minimizing friction. The "extra" power given by Series 2000 improves acceleration and top-end speed.

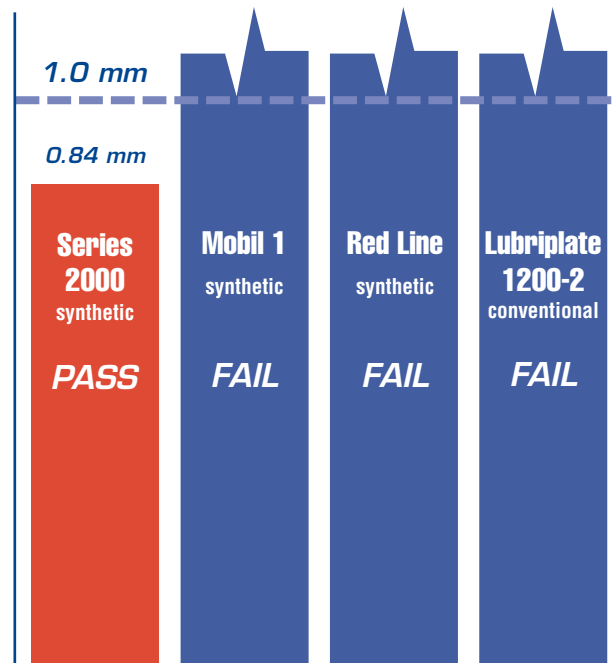
Washout Resistance and Corrosion Inhibition

AMSOIL Series 2000 Racing Grease resists water wash out and inhibits rust and other forms of corrosion.

Applications

AMSOIL Series 2000 Synthetic Lithium Complex Racing Grease meets the highest performance standards of the National Lubricating Grease Institute, GC for wheel bearing applications and LB for chassis applications.

Racing Grease Film Strength Endurance



**Greases leaving greater than a 1.0 mm scar fail.
Ford M1C75B Film Strength Durability Test**

TYPICAL TECHNICAL PROPERTIES

AMSOIL Synthetic Lithium Complex Racing Grease	NLGI GC-LB	Series 2000 Racing Grease
Thickener	NR*	Lithium Complex
NLGI Consistency Grade	NR*	2 EP
NLGI Performance Grade	NR*	GC-LB
Penetration (ASTM D-217) 25° C [77° F], 0.1 mm		
Worked 60 strokes	220 - 340	265 - 295
Dropping Point (ASTM D-566) ° C [° F]	220 [428]	285 [545]
Water Washout (ASTM D-1264) 79° C [175°F] % loss	15 max	5.1
Oil Separation (ASTM D-1742)		
24 hr. @ 25° C [77° F], % loss	10 max	2.8
Rust Protection (ASTM D-1743)	pass	pass
Timken OK Load Test (ASTM D-2509), lbs.	NR*	60
Fortified with moly compound	NR*	no
Four Ball Wear Test (ASTM D-2266)		
Wear Scar Diameter, mm.	0.9 max	0.32
Compatibility with other greases	NR*	excellent
Extreme Pressure, Four Ball Method (ASTM D-2596)		
Weld Point, kgf.	200 min	400
Load Wear Index, kgf	30 min	65
High Temperature Life (ASTM D-3527) hours	80 min	300
Fretting Wear (ASTM D-4170)* mg	10 max	3.4
Elastomer Compatibility (ASTM D-4289)		
Volume change, %, GC	-5 to +30	21.6
Volume change, %, LB	0 to +30	9.88
Hardness change, durometer-A points, GC	+2 to -15	-3
Hardness change, durometer-A points, LB	0 to -10	-6
Leakage (ASTM D-4290), g*	10 max	6.0
Low Temperature Torque (ASTM D-4693)		
n•m, max @ -40° C [-40° F]	15.5	2.3
Water Spray Off (ASTM D-4049), % max	NR*	22.7

*NR: Not Required for NLGI GC or LB labeling.

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

