



The First in Synthetics®

Series 2000 Synthetic Racing Grease

MULTI-PURPOSE NLGI NO. 2 EP GC-LB

Exceptional High-Speed/High-Temperature Performance

AMSOIL Series 2000 Synthetic Racing Grease helps protect 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. It also provides superior protection for 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 is designed to deliver maximum protection in the intense environments found in racing applications. Its high-performance anti-wear additive package helps ensure maximum component life.

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 offers excellent oxidation resistance and a robust package of oxidation inhibitors, helping to prevent grease breakdown and component surface damage in the high oxidizing conditions associated with high-temperature operation.

Friction Reduction

Because it effectively reduces friction, AMSOIL Series 2000 Racing Grease maximizes power through-put and fuel efficiency. Its superior friction-reduction properties help ensure race vehicles operate at peak performance.

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 Racing Grease meets the highest performance standards of the National Lubricating Grease Institute; GC for wheel bearing applications and LB for chassis applications.



TYPICAL TECHNICAL PROPERTIES
AMSOIL Series 2000 Synthetic Racing Grease (GRG)

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

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

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

