



The First in Synthetics®

Series 2000 Synthetic Racing Grease

Exceptional High-Speed/High-Temperature Performance

AMSOIL Series 2000 Synthetic Racing Grease helps protect wheel bearings and chassis components from the dangerous, damaging effects of hot pavement, huge engines and the unceasing friction of intense speed. It is ideal for all high-temperature/high-speed applications.

Anti-Wear Performance

Series 2000 Racing Grease is engineered with extreme-pressure additives to deliver excellent wear protection in heavily loaded, high-speed racing applications. Its high-performance anti-wear additive package helps ensure long component life.

Friction Reduction

Because it effectively reduces friction, Series 2000 Racing Grease not only inhibits wear, it also maximizes power through-put and fuel efficiency. Its superior friction-reduction properties help ensure race vehicles operate at peak performance.

Load Capacity

Although Series 2000 Racing Grease is specially formulated for high-temperature/high-speed applications, it also provides superior protection for low-speed bearings. Components receive the load-bearing capacity of a heavy-duty grease without sacrificing the high-temperature protection of a multi-purpose grease.

All-Temperature Protection

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. It offers excellent low-temperature pumpability and high-temperature consistency for dependable protection in all temperatures.

Resists Oxidation, Corrosion & Washout

Series 2000 Racing Grease contains a robust package of oxidation inhibitors, helping prevent grease breakdown and component surface damage. Its excellent adhesion and cohesion properties allow it to resist water washout during operation in wet conditions. A premium blend of corrosion inhibitors further protects against rust and corrosion formation.



Multi-Purpose
NLGI #2
EP GC-LR



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

	Series 2000 Synthetic 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)	288 (550)	220 (428)
Water Washout (ASTM D-1264) 79°C (175°F) % loss	5.0	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	0.52	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	.41	30 min
High-Temperature Life (ASTM D-3527) hours	100	80 min
Fretting Wear (ASTM D-4170), mg.*	8.5	10 max
Elastomer Compatibility (ASTM D-4289)		
Volume change, %, GC	21.6	-5 to +30
Volume change, %, LB	9.8	0 to +30
Hardness change, durometer-A points, GC	-4	+2 to -15
Hardness change, durometer-A points, LB	-6	0 to -10
Leakage (ASTM D-4290), g*	5.0	10 max
Low-Temperature Torque (ASTM D-4693)		
n•m, max @ -40°C (-40°F)	7.2	15.5
Water Spray Off (ASTM D-4049), % max	18.0	NR*

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

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.



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