

## Synthetic Water Resistant Grease

Superior Lubrication and Protection in Automotive and Industrial Applications With Extensive Exposure to Water

AMSOIL Synthetic Water Resistant Grease is an extreme-pressure grease formulated specially for wet-duty performance. Composed of premium-quality synthetic base oils and calcium sulfonate complex thickeners, Water Resistant Grease provides exceptional film strength, shear resistance, adhesion properties and mechanical stability. Its water washout and sprayoff resistance are outstanding for applications frequently exposed to water, mud, snow or ice, including ATVs, UTVs, snowmobiles and boat trailers.

### Water Washout and Sprayoff Protection

AMSOIL Synthetic Water Resistant Grease gains its wet-duty performance from its superior cohesiveness and adhesiveness. It holds together when exposed to water and clings tenaciously to metal surfaces when wet. Components remain protected during prolonged exposure to standing or pressurized water.

### Corrosion Protection

AMSOIL Synthetic Water Resistant Grease protects metal surfaces from corrosion, which may be worsened by frequent or prolonged water contact. It seals metal surfaces and chemically fights corrosion.

### Load-Carrying and Extreme-Pressure Performance

AMSOIL Synthetic Water Resistant Grease protects components from metal-to-metal contact even under heavy loads. Its extreme-pressure additives protect against sustained or sudden extreme loads for dependable protection against wear.

### Application Recommendation

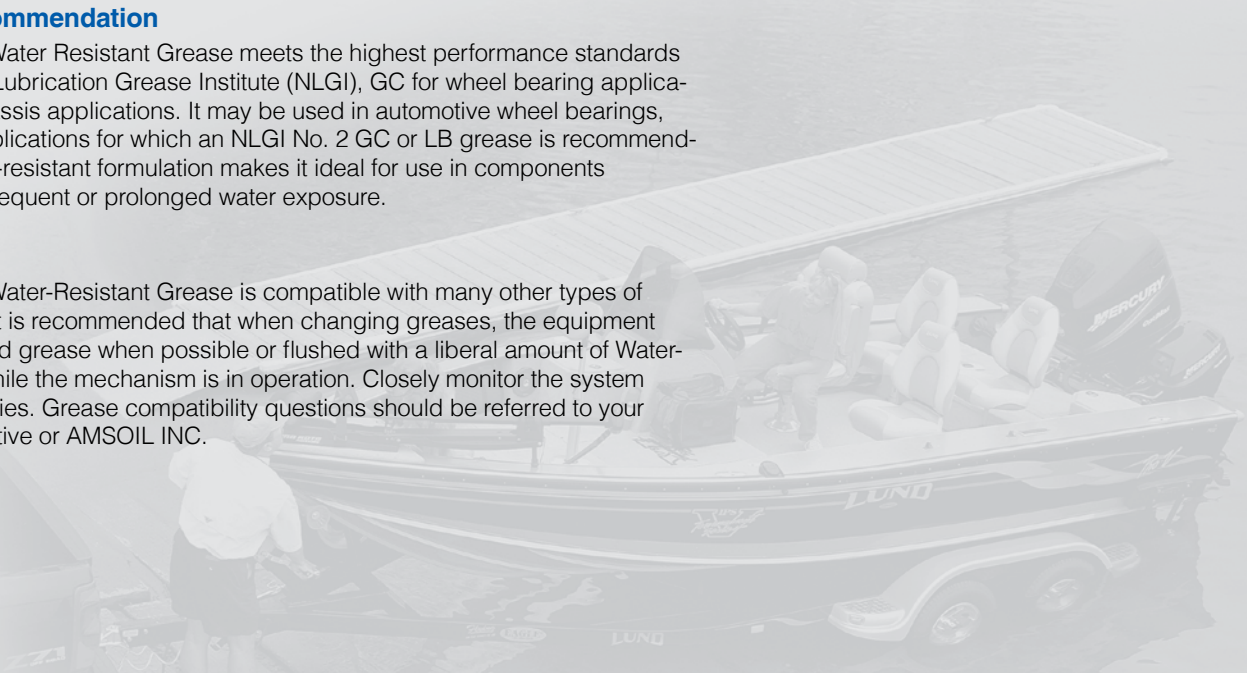
AMSOIL Synthetic Water Resistant Grease meets the highest performance standards set by the National Lubrication Grease Institute (NLGI), GC for wheel bearing applications and LB for chassis applications. It may be used in automotive wheel bearings, chassis or other applications for which an NLGI No. 2 GC or LB grease is recommended. Its unique water-resistant formulation makes it ideal for use in components or equipment with frequent or prolonged water exposure.

### Compatibility

AMSOIL Synthetic Water-Resistant Grease is compatible with many other types of greases. 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 Water-Resistant 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.



**NLGI #2**



## TYPICAL TECHNICAL PROPERTIES

### Synthetic Water Resistant Grease (GWR)

	GWR	NLGI GC-LB Requirements
Thickener	calcium sulfonate complex	NR
NLGI consistency grade	2	NR
NLGI performance grade	GC-LB	GC-LB
Penetration (ASTM D-217) (25°C [77°F], 0.1 mm)		
worked 60 strokes	277	220-340 min
Dropping point °F (°C) (ASTM D-2265)	>500 (>260)	428 (220) min
High temperature life, hours (ASTM D-3527)	115	80 min
Water washout, percent (ASTM D-1264)	1.25	15 max
Rust and corrosion (ASTM D-1743)	pass	pass
Oil separation, percent loss (ASTM D-1742)		
(24 hours, 25°C [77°F])	0	6.0 max
Leakage, g lost (ASTM D-4290)	4.2	10 max
Four-ball wear test, mm scar (ASTM D-2266)	0.42	0.60 max
Fretting wear, mg (ASTM D-4170)	2.5	10 max
Four-ball EP, kgf (ASTM D-2596)		
Weld point	500	200 min
Load wear index	70	30 min
Timken OK load test, lbs (ASTM D-2509)	70	NR
Low-temperature torque, N•m (ASTM D-4693)		
(-40°C [-40°F])	6.8	15.5 max
Oil viscosity		
40°C (104°F), cSt	165	NR
Color	blue	NR
Texture	smooth with tack	NR

NR: not required for NLGI GC-LB labeling

## APPLICATION MAINTENANCE

Maintaining a clean work environment is important when equipment greasing is performed. 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.

## AMSOIL PRODUCT AVAILABILITY

AMSOIL Synthetic Water Resistant Grease is available in 3-oz. cartridges, 14-oz. cartridges, 35-lb. lugs and 120-lb. kegs.



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