



# AUTOMOTIVE GEAR OILS

*Sinclair Automotive Gear Oils are high quality, multi-purpose, extreme pressure lubricants designed for today's exacting automotive and industrial applications. Formulated from high VI base stocks and premium additives, Sinclair's oil protects heavily loaded and highly stressed gear sets against wear, scuffing and scoring. All Sinclair's gear oil grades provide superior oxidation and thermal protection. A wide range of operating temperatures, rust and corrosion protection and protection against excessive foaming are additional features of this line.*



## APPLICATIONS

- Sinclair Automotive Gear Oils are recommended for use in all spiral bevel and hypoid differentials, power dividers, and oil-lubricated steering axle wheel bearings.
- All heavy-duty truck axles.
- Sinclair Automotive gear oils perform well in the hottest and most rigorous ASTM L-60 test. Our Automotive Gear Oils help protect against the effects of oxidation on gear surfaces resulting in fewer deposits, better seal compatibility, and cleaner gears.
- Most manual steering gear boxes where GL-5 gear oils are specified.
- Where Mack GO-J gear oils are specified.
- All oil lubricated wheel bearings.
- Manually shifted transmissions specifying GL-5 gear oils
- Most top off applications for limited slip differentials
- Where MIL-PRF-2105E or MIL-L-2105D oils are specified
- Where thermally stable gear oils are recommended or required.
- Where API GL-5 gear oils are recommended or specified for industrial applications.

## PERFORMANCE

- Sinclair Automotive Gear Oils are made from high quality base stocks. They are fortified with additives that protect against foam, rust and corrosion, which can shorten gear life and lead to system failure.
- Sinclair Automotive Gear Oils contain premium additives that provide excellent protection against wear, scoring and scuffing of heavily loaded gears, assuring long gear life.
- Sinclair Automotive gear oils perform well in the hottest and most rigorous ASTM L-60 test. Fewer deposits and better seal compatibility and cleaner gears are a result. Our Automotive Gear Oils help protect against the effects of oxidation on gear surfaces.
- The multi-viscosity characteristics of our gear oils allow their use in equipment operating over a broad ambient temperature range. These Gear Oils provide excellent cold flow properties and gear protection.



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## TYPICAL PHYSICAL PROPERTIES

Viscosity Grade	METHOD	TYPICAL RESULTS	
		SAE 80W-90	SAE 85W-140
Gravity, °API	ASTM D287	27.8827	26.3889
Specific Gravity @ 60°F (15.6°C)	ASTM D4052	0.8878	0.8962
Viscosity @ 40°C cSt	ASTM D445	147.7	371.1
Viscosity @ 100°C cSt	ASTM D445	14.7	26.96
Viscosity Index	ASTM D2270	98	98
Color	ASTM D1500	3	3.5

Description	Pack Size	Part #	Each UPC	Case UPC	Case Dimensions	Case Cube / Pallet Cube	Case Weight / Pallet Weight	Pallet Stack
Automotive Gear Oil 80W-90	2/2.5 Gallon	570-009	0 14168-01738 1	0 14168-01739 8	L 14.000 x W 9.563 x H 14.375	1.114 / 53.472	39.364 / 1585.196	39 Cases (3 layers of 13)
Automotive Gear Oil 80W-90	5 Gallon	570-008	0 14168-01642 1	N/A	L 12.500 x W 12.500 x H 15.500	1.402 / 60.083	40.648 / 1707.223	42 Eaches (3 layers of 14)
Automotive Gear Oil 80W-90	16 Gallon	570-005	0 14168-01724 4	N/A	L 15.000 x W 15.000 x H 27.500	3.581 / 36.111	129.338 / 1164.048	9 Drums
Automotive Gear Oil 80W-90	55 Gallon	570-003	0 14168-01706 0	N/A	L 23.000 x W 23.000 x H 35.000	10.715 / 44.444	433.254 / 1733.017	4 Drums
Automotive Gear Oil 85W-140	5 Gallon	571-008	0 14168-01643 8	N/A	L 12.500 x W 12.500 x H 15.500	1.402 / 60.083	41.789 / 1755.144	42 Eaches (3 layers of 14)
Automotive Gear Oil 85W-140	16 Gallon	571-005	0 14168-01725 1	N/A	L 15.000 x W 15.000 x H 27.500	3.581 / 36.111	132.990 / 1196.908	9 Drums
Automotive Gear Oil 85W-140	55 Gallon	571-003	0 14168-01707 7	N/A	L 23.000 x W 23.000 x H 35.000	10.715 / 44.444	445.805 / 1783.220	4 Drums

