



# SYNTHETIC HD GEAR OILS

Sinclair Synthetic HD Gear Oils are 100% synthetic, heavy-duty gear lubricants that provide excellent wear protection over a wide range of loads and operating temperatures. These multi-grade, all-season lubricants offer quick warm-up in low temperatures and great thermal protection in high temperature operation. Sinclair Synthetic HD Gear Oils are multi-purpose lubricants that can be used in more than 95% of over-the-highway applications. Recommended for use in automobiles, light-duty and heavy-duty trucks, tractors and industrial gear systems that call for extreme pressure lubricants meeting the API GL-5 or MT-1 specification.



## PROPERTIES

- Formulated with high VI synthetic base stocks for better shear stability and exceptionally low pour points for easier startup in extremely cold temperatures.
- Extreme pressure additives provide protection in severe service and extended drain conditions. Rust, corrosion and oxidation inhibitors provide the cleansing protection needed to extend seal, washer and bearing life.
- Suitable for Use in Eaton where synthetic gear oils are recommended. Suitable for use in conjunction with Eaton Roadranger and Meritor.

## ADVANTAGES

- **Extended drain:** Some manufacturers recommend extending the drain intervals of synthetics 2 to 5 times the drain interval of conventional gear oils.
- **Lower maintenance costs:** Reducing the number of drain intervals may result in lower overall maintenance costs. Although priced higher than conventional lubricants, longer drain periods result in lower labor costs and less downtime.
- **Better operating efficiency:** The all-weather and EP properties of these lubricants allow improved operating efficiencies for equipment. High temperature properties reduce friction, offering better fuel economy.
- **Longer gear life:** Added protection against oxidation, corrosion, rust and wear extends gear life and prevents costly repairs.

*\*Consult OEM manuals for recommended drain intervals and requirements of extended warranty programs.*



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## TYPICAL PHYSICAL PROPERTIES

Viscosity Grade	METHOD	TYPICAL RESULTS	
		SAE 75W-90	SAE 75W-140
Gravity, °API	ASTM D287	31.24	28.66
Specific Gravity @ 60°F (15.6°C)	ASTM D4052	0.8695	0.8835
Viscosity @ 40°C cSt	ASTM D445	109.3	175.1
Viscosity @ 100°C cSt	ASTM D445	16.15	24.85
Viscosity Index	ASTM D2270	159	175
Brookfield Viscosity at -40°C, cP	ASTM D2983	135,000	105,000
Color	ASTM D1500	1	1.5

Description	Pack Size	Part #	Each UPC	Case UPC	Case Dimensions	Case Cube / Pallet Cube	Case Weight / Pallet Weight	Pallet Stack
Synthetic HD Gear Oil 75W-90	5 Gallon	575-008	0 14168-01644 5	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)
Synthetic HD Gear Oil 75W-90	55 Gallon	575-003	0 14168-01708 4	N/A	L 23.000 x W 23.000 x H 35.000	10.715 / 44.444	442.055 / 1768.220	4 Drums
Synthetic HD Gear Oil 75W-140	5 Gallon	579-008	0 14168-01645 2	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)
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