

Product Information



DriveTrain GL-5 Limited Slip Gear Oil

Full Synthetics for Extended Drain Intervals
Full Limited Slip Protection for Gear Oils
SAE 75W-140 for Ford OEM New Truck Specifications

DESCRIPTION

SynGard™ Synthetic GL-5 Gear Lubricants are premium quality gear oils for final drives and that meet or exceed the highest industry specifications for automotive and heavy duty gear oils. Designed for extreme pressure (EP) use in offset spiral bevel and hypoid gear sets (ring and pinion gears) in heavy duty trucks, rear wheel drive trucks and automobiles, shaft drive motorcycles and all types of farm, logging and construction equipment where GL-5 heavy duty gear oils are recommended. These oils contain a full limited slip treatment for use in automotive and heavy duty syncro-mesh and limited slip axles. SynGard™ Gear Oils are suitable for extended drain intervals according to manufacturer's recommendations.

SynGard™ Full Synthetic 75W-140 Gear Oil is an extremely versatile gear oil meeting the widest operating temperature ranges for automotive, light, medium and heavy duty trucks, farm, logging and construction equipment. This product meets or exceeds Ford OEM specifications for use in rear axle units per Ford Spec WSL-M2C192A.

Martin Lubricants recommends [this product] for use in applications where the OEM specifies a fluid providing performance capability comparable to the Eaton Roadranger® requirements.

APPLICATION

- Ideal for automotive and truck manual transmissions and differentials.
- Recommended for limited slip synchromesh drive trains
- Excellent for off-road construction and agricultural equipment.
- For use in heavy duty trucks and buses as a final drive lubricant.
- Construction equipment such as dozers, front end loaders, excavators
- Logging equipment such as skidders, feller bunchers, harvesters and loaders

PERFORMANCE LEVELS

API Performance Level	GL-5, MT-1, Extreme Pressure Hypoid Gears
Dana Corporation	SHAE-256 Rev. C (75W-90) SHAE-429 Rev. A (80W-140)
Arvin Meritor	O-76E (75W-90) O-43N (80W-140)
Military Specifications	MIL-PRF-2105D, PRF 2105E
Mack Truck	GO-G, GO-H, GO-J, GO-J Plus
Ford Motor Company	WSL-M2C192-A (75W-140)
Society Automotive Engineers	SAE 2360



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SMACKOVER, AR 71762 ■ USA ■ PHONE 800 864-6275 ■ www.martinlubricants.com

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BENEFITS

- Synthetic base stocks maximize oxidation resistance.
- Greater film strength at higher operating temperatures.
- Reduced wear at start up and ease of startup even in arctic conditions
- Extreme pressure additives prevent gear scuffing and scoring.
- Prevents formation of rust and sludge throughout the system.
- Prevents corrosion of copper and brass.
- Outstanding protection and operating performance down to -50° C.
- Fortified to prevent chatter in limited slip synchromesh drive trains.
- Extended drain intervals versus conventional products

TYPICAL PROPERTIES	Method	75W-90	75W-140	80W-140
API Gravity	D-4052	34.2	34.6	32.7
Specific Gravity, 60°F	D-1298	0.854	0.852	0.862
Viscosity, cSt at 40°C	D-445	94.5	168.2	182.1
Viscosity, cSt at 100°C	D-445	16.7	27.1	26.5
Viscosity, cP at -40°C	D-2983	85,200	122,000	-
Viscosity, cP at -26°C	D-2983	-	-	69,585
Viscosity Index	D-2270	192	199	181
Pour Point, °C (°F)	D-97	-38 (-36)	-44 (-47)	-29 (-20)
Flash Point, °C (°F)	D-92	242 (468)	248 (478)	256 (493)
ML Bulk Number		571209	589484	571217

The information on this Product Data Sheet is believed to be accurate and is typical of current production. Specifications are subject to change without notice. For additional qualifications, please contact Martin Technical Service Department.

This drivetrain oil's service level is in accordance with the latest version of SAE J306 Axle and Manual Transmission Lubricant Viscosity Classification.

Health And Safety Information See separate Safety Data Sheets available on request.

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