

## Product Information



### **SynGard™ Full Synthetic Gear Lubricant GL-5 MT-1 & Manual Transmission Fluids**

*Full Synthetics for Extended Drain Intervals  
Outstanding Low & High Temperature Protection  
Full Limited Slip Protection for Gear Oils  
SAE 75W-14 for Ford OEM New Truck Specifications*

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#### DESCRIPTION

**SynGard™ Synthetic Gear Lubricants MT-1** are premium quality gear oils for transmission and 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 OIM specifications for use in rear axle units per Ford Spec WSL-M2C192A.

**SynGard™ Full Synthetic Hvy Duty SAE 50 Transmission Fluid** is designed for use in manual transmissions where non-EP oils are specified. Suitable for extended drain intervals and for oil lubricated wheel bearings on heavy duty trucks and trailers.

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#### 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.
- Racing and high performance transmissions and differentials
- Construction equipment such as dozers, front end loaders, excavators
- Logging equipment such as skidders, feller bunchers, harvesters and loaders

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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



**CROSS PACKAGING DIVISION**

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<b>PERFORMANCE LEVELS</b>	API Performance Level	GL-5, MT-1, Extreme Pressure Hypoid Gears
	Eaton Roadranger	Extended drain interval up to 500,000 miles
	Military Spec	MIL-L-2105D, PRF 2105E
	Mack Truck	GO-G, GO-H, GO-J
	Ford Motor Company	WSL-M2C192-A
	Society Automotive Engineer	SAE 2360

<b>TYPICAL PROPERTIES</b>	<b>METHOD</b>	<b>75W-90</b>	<b>75W-140</b>	<b>80W-140</b>	<b>SAE 50</b>
Viscosity, cSt at 40°C	D 445	90.5	152.5	118.5	113.9
Viscosity, cSt at 100°C	D 445	15.2	24.1	19.5	18.9
Viscosity, cP at -40°C	D 2983	130,000	137,000	-	134,000
Viscosity, cP at -26°C	D 2983	-	-	126,000	-
Viscosity Index	D2270	177	191	186	187
Pour Point, °C (°F)	D 97	-25 (-13)	-43 (-45)	-15 (-9)	-12 (-11)
Flash Point, °C (°F)	D 92	228 (442)	226 (439)	240 (464)	250 (482)
Specific Gravity, 60°F	D 1298	0.8571	0.8438	0.8478	0.8478

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.

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



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