ExxonMobil Mobil 1 75W-140 Gear Lubricant LS

Category : Fluid , Lubricant

Material Notes:

Mobil 1 Synthetic Gear Lubricant LS 75W-140 is a supreme performance, synthetic, multi-purpose, automotive gear lubricant designed to meet the highest level performance requirements of many modern passenger vehicles in all types of operating conditions including limited slip applications, as well as deliver outstanding power transfer performance. Compared to conventional hypoid gear lubricants, Mobil 1 Synthetic Gear Lubricant LS 75W-140 performs exceptionally over a wide range of temperatures. Mobil 1 Synthetic Gear Lubricant LS 75W-140 achieves this through a unique proprietary combination of synthetic baseoils and a unique additive system including the SuperSyn antiwear system, that deliver optimized viscosity-temperature properties together with the highest level of inherent formulation stability and protects against thermal and oxidative degradation, wear and corrosion, viscosity loss associated with premature shearing. Mobil 1 Synthetic Gear Lubricant LS 75W-140 is recommended for use in modern high performance vehicles like sport utility vehicles , vans and light duty trucks requiring API GL-5 performance that require excellent durability; Mobil 1 Synthetic Gear Lubricant LS 75W-140 is intended for initial fill, topping-off or refilling differentials, final drives, transfer cases and other gear applications where lubricants meeting API Service GL-5 and multi-purpose or mild EP gear lubricants are recommended; Mobil 1 Synthetic Gear Lubricant LS 75W-140 can also be used in rear axles where API Service GL-4 lubricant is recommended; Not recommended for automatic, manual or semiautomatic transmissions for which engine oil or automatic transmission fluids are recommended; Recommended for many limited slip applications. For certain high level LS applications, additional limited slip additive may be required if axle chatter is observed.

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Physical Properties	Metric	English	Comments
Density	0.863 g/cc	0.0312 lb/in ³	ASTM D4052
Density	@Temperature 15.0 °C	@Temperature 59.0 °F	
Viscosity Measurement	175	175	Index; ASTM D2270
Kinematic Viscosity at 40°C (104°F)	179 cSt	179 cSt	ASTM D445
Kinematic Viscosity at 100°C (212°F)	25.3 cSt	25.3 cSt	ASTM D445

Thermal Properties	Metric	English	Comments
Pour Point	-51.0 °C	-59.8 °F	ASTM D97
Flash Point	221 °C	430 °F	ASTM D92

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