



## Gear Oil Synthetic LS 75W-90

Product Code: 78380

Limited Slip Synthetic Automotive Gear Oil

**Gear Oil Synthetic LS 75W-90** is a synthetic extra high performance multi-functional gear lubricant designed to provide effective lubrication in modern high performance passenger cars, sports utility vehicles, vans and light duty trucks and “off highway” equipment equipped with both conventional and limited slip differentials. The special friction modifier used in this oil helps in reducing chatter and improving traction besides retaining the frictional properties for longer service life.

**Gear Oil Synthetic LS 75W-90** is formulated with high quality synthetic base oils in combination with a special additive package to reach the following properties:

- Unique additive technology allows the use of a single lubricant in rear axles, synchronised and non-synchronised manual transmissions and therefore helps in rationalisation of products.
- Exceptional thermo-oxidative stability and load bearing characteristics help in extending the life of the driveline components and the oil.
- Effective rust and corrosion protection, especially to copper and its alloys reduces wear, extends synchroniser life and improves shifting performance
- Outstanding low temperature fluidity reduces wear at start up and provides smoother shifting at low ambient temperatures
- Exceptional shear stability helps in retaining viscosity and film strength to protect against wear even under severe operating conditions
- Superior frictional properties provide improved fuel economy and smoother shift ability.
- Excellent limited slip performance reduces chatter and improves traction

**Gear Oil Synthetic LS 75W-90** exceeds the following performance criteria:

API: GL-5 (LS)	MIL-PRF-2105-E	SAE J2360	MACK GO-J
Scania STO 1:1G	Scania STO 1:0	Ford M2C192-A	ZF TE-ML 05C/16G/21C

### Typical Analysis

Properties	Unit	Method	Typical Value
SAE Grade		SAE J3000	75W-90
Density @15°C	kg/m <sup>3</sup>	ASTM D4052	878.7
Kin. Viscosity @40°C	mm <sup>2</sup> /s	ASTM D7042	105.3
Kin. Viscosity @100°C	mm <sup>2</sup> /s	ASTM D7042	15.7
Viscosity Index		ASTM D2270	160
Brookfield Viscosity @-40°C	cP	ASTM D2983	<150000
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-42

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