

Lucas Oil Synthetic SAE 75W-90 Manual Transmission Fluid

Lucas Oil Synthetic SAE 75W-90 Manual Transmission Fluid is expertly engineered to deliver superior performance for manual transmissions in passenger cars and light-duty vehicles. Formulated for modern synchromesh systems, this premium synthetic fluid provides outstanding gear and bearing protection while enhancing synchroniser performance for smooth, reliable shifting.

Designed for optimal operation across a wide temperature range, this fluid ensures excellent cold-weather fluidity, superior cleanliness, and robust corrosion resistance. Its advanced synthetic formulation enhances durability and efficiency, making it the ideal choice for maintaining peak transmission performance in any driving condition.

Lucas Oil Synthetic SAE 75W-90 meets API GL-4 specifications and the requirements of most OEMs, including European and Asian manufacturers. It is a versatile lubricant specifically designed for synchromesh manual gearboxes and transaxles, excelling in high-load applications where superior protection is essential.

FEATURES AND BENEFITS:

- Provides advanced protection against wear, sludge, oxidation, and corrosion, keeping components clean and intact.
- Maintains enhanced viscosity stability across extreme temperatures, surpassing standard lubricants.
- Remains thermally stable and resists foaming, even under intense stress.
- Delivers superior lubrication to minimise friction and extend transmission lifespan.
- Ensures excellent compatibility with synchronisers, supporting optimal gear and bearing performance.

MAIN APPLICATIONS:

For use in passenger cars and light-duty synchromesh manual gearboxes and transaxles, particularly in high load-carrying applications. Meets the API GL-4 specification and the performance requirements of most European and Asian manufacturers.

SPECIFICATIONS:

Meets the Requirements Of:

• API GL-4 • Alfa Romeo • BMW/MINI MTF-LT4 • MB 235.10 • Mitsubishi • Nissan • PSA B71 2330 • Fiat 9.55550-MX3 / MZ1 / MZ3 / MZ4 • Toyota • VAG VW 501.50 / G 005 000 / G005 100 / G 052 145 / 157 / 190 / 911 / G 50 / G 51 • Ford M2C200-C • GM 1940768 / B 040 104 3 • Honda MTF 94 / MTF II/SG / Honda Special MTF • Volvo 97308 / 97309 / 97310

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PART NUMBER AND SIZE:

47097 – 1 Litre (Case of 12).

47098 – 5 Litre (Case of 4).

47099 – 20 Litre (1 Drum).

47100 – 204 Litre (1 Drum).

TYPICAL PHYSICAL CHARACTERISTICS:

PROPERTIES	Method	Unit	Typical
Density, 15°C	D 4052	g/ml	0,868
Viscosity Grade	-	-	SAE 75W-90
Kinematic Viscosity, 40°C	D 445	mm ² /s	87
Kinematic Viscosity, 100°C	D 445	mm ² /s	15.6
Viscosity Index	D 2270	-	191
Brookfield Viscosity, -40°C	D 2983	Pa.s	25
Pour Point	D 97	°C	-45
Flash Point, P-M	D 93	°C	196

These characteristics are typical of current production. However, slight variations in these characteristics may occur.

LINKS AND ADDITIONAL INFORMATION:

For additional product or health and safety information, including product Safety Data Sheets, visit [LucasOil.co.uk](https://lucasoil.co.uk)