



PRODUCT INFORMATION & DATA SHEET

SUPER-SHIFT 85W-90 +LSD

Specially developed, high-performance, extreme-pressure hypoid transmission fluid with unique additives and inhibitors, ideally suited for hypoid gears, axle drives, and limited-slip differentials in passenger cars and light-duty vehicles, particularly those from Toyota that require an API GL5 and SAE 85W-90 gear oil. The dynamic LS friction modifiers improve traction, reduce chatter, and allow noise-free operation in the heavily-loaded gear system. It ensures protection against rust and corrosion of steel and copper-containing alloy components. The enhanced low temperature fluidity provide quick lubricant circulation and wear protection during cold start. Very good resistance to foaming.

Performance levels

- API GL-5, GL-5 LS, MT-1
- MIL-L-2105D

Conforming to specifications and recommended for application

- MAN 342 N
- Toyota 85W-90 Limited Slip Diff Gear Oil
- Volvo 97310
- ZF TE-ML 08, 16E

Areas of application

Developed specifically to meet the highest requirements of Toyota OEM (Original Equipment Manufacturer). It is developed for use in hypoid gears and limited slip differential rear axles in a wide range of passenger cars and commercial vehicles.

Note: The unique additive system of this gear oil is unsuitable for synchronized manual transmissions.

Typical properties

Viscosity Index (VI)	ASTM D2270	103
Viscosity at 100 °C; mm ² /s	ASTM D445	16.7
Viscosity at 40 °C; mm ² /s	ASTM D445	171.0
Density at 15 °C; kg/m ³	ASTM D4052	897.0
Flash Point; °C, open cup	ASTM D92	222
Pour Point; °C	ASTM D97	-33

Service recommendation

Recommended applications requiring service-fill levels of limited-slip performance. We advise draining and replacing the fluid according to the manufacturer's instructions.

Commercially available product compatibility

Compatible with any synthetic and conventional fluid of equivalent performance specifications. However, maximum performance is assured only when used on its own.

Disclosure

The product information and typical properties are subject to change without notice. We reserve the right to alter the technical data to align with ongoing technical developments.

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