



PRODUCT INFORMATION & DATA SHEET

SUPER-SHIFT 80W-90 +LSD

Special extreme-pressure transmission fluid with advanced limited-slip additives for many four-wheel drive and rear-wheel drive axles with LS differentials in passenger cars, SUVs and light-duty trucks calling for API GL-5 and SAE 80W-90 specify gear oil. The LS friction modifiers eliminate squawking in heavily-loaded limited-slip axle gears and ensure smooth clutch engagement without chatter. The viscosity and shear-stable characteristics of this oil maintain a stable lubricating film, even at very high temperatures and under heavy load, reducing wear and minimizing gearbox noise. Very good resistance to foaming.

Performance levels

- API GL-5, GL-5 +LS
- MIL-L-2105C, MIL-L-2105D

Conforming to specifications and recommended for application

- Ford ESP-M2C154-A
- GM 9985290
- ZF TE-ML 05C, 12C, 21C

Areas of application

Developed for the lubrication of all-wheel-drive, four-wheel-drive and two-wheel-drive axles and differentials equipped with limited-slip mechanism in passenger cars, SUVs and trucks.

Typical properties

Viscosity Index (VI)	ASTM D2270	98
Viscosity at 100 °C; mm ² /s	ASTM D445	14.5
Viscosity at 40 °C; mm ² /s	ASTM D445	142.0
Density at 15 °C; kg/m ³	ASTM D4052	885.0
Flash Point; °C, open cup	ASTM D92	218
Pour Point; °C	ASTM D97	-34

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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