



# Gear Oil GL-4 SAE 80W-90

## Automotive gear lubricant

### Product description

Gear Oil GL-4 is a proven performance automotive gear lubricant suitable for API GL-4 applications.

Formulated with mineral base oils in combination with a selected additive system, Gear Oil GL-4 is available in viscosity grade SAE 80W-90.

### Customer benefits

Proven additive system offers reliable EP protection to critical components against scuffing and wear

Low temperature fluidity promotes rapid oil circulation during cold start-up, helping protect system components.

Robust shear stability helps ensure viscosity is maintained throughout oil service life.

### Product highlights

- **Proven performance EP wear resistance**
- **Robust cold start protection**
- **Highly shear stable**

#### Selected specification standards include:

API

Bosch

US Military

## Applications

Gear Oil GL-4 is designed for use in automotive transmissions, transaxles, steering systems and hypoid drive axles which require a fluid with API GL-4 performance (equivalent to US Military specification MIL-L-2105).

The friction characteristics of Gear Oil GL-4 makes it suitable for use in many synchronized manual transmissions.

Some modern transmissions may require a specific fluid type – refer to the manufacturers’ literature for further details.

## Approvals, performance and suitable for use

### Performance

- API GL-4
- Bosch TE-ML 08 [1]
- US Military MIL-L-2105

[1] List formerly administered by ZF. Products meeting the necessary performance requirements are approved for use, but there is no product listing.

Typical test data		
Test	Test methods	Results
<b>Viscosity Grade</b>		<b>SAE 80W-90</b>
Viscosity, Kinematic, 100 °C	ASTM D445	14.0
Viscosity, Kinematic, 40 °C	ASTM D445	132
Viscosity, Brookfield, -26 °C	ASTM D2983	93,700
Viscosity Index	ASTM D2270	105
Density, 15 °C	ASTM D4052	0.8915
Flash Point COC	ASTM D92	218
Pour Point	ASTM D97	-35

The typical test data set out above does not constitute a specification. It is indicative only and can be affected by allowable production tolerances. Chevron may modify this test data. Modified data will supersede all previous data, so please ensure you refer to the latest version of this Product Data Sheet (PDS).

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