

Product Information



A PRODUCT OF ASHLAND CONSUMER MARKETS, A COMMERCIAL UNIT OF ASHLAND INC.

Lubricants – Transmission Oils - Automotive

Version: 230/03a

Valvoline™ Gear Oil GL-4 SAE 80W-90

Gear oil for passenger cars, trucks and buses.

Mild EP gear oil suitable for gearboxes and transaxles when the manufacturer specifies a GL-4 oil.

Valvoline Gear Oil GL-4 provides increased protection and lubrication of the gearbox and the transaxle over a wide temperature range.

Approvals/Performance levels

SAE 80W-90
API GL-4

Applications

Suitable for manual transmissions and transaxles of passenger cars, vans, trucks, and buses when the manufacturer recommends a GL-4 transmission oil with a viscosity of SAE 80W-90

Features and Benefits

Increased protection

Increased protection against wear and tear, also under high stress working conditions.

Advanced additives

Increased additives protect against corrosion, oxidation, foaming, and deposits.

Breakdown resistance

Quality base oils and a highly balanced additive system avoid breakdowns even after long-time use.

Consistent, stable viscosity

Increased viscosity-temperature properties even at very low temperatures. Highly stable viscosity with long-term multigrade advantages.

Smooth shifting

The product offers smooth gear shifting under a variety of temperatures.



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Health and Safety

This product is not likely to present any significant health or safety hazards when used correctly in the right application. A Material and Safety Data Sheet (MSDS) is available on request via your local sales office or via the internet @ <http://msds.ashland.com>

Protect the Environment

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.

Typical Properties

Typical property characteristics are based on current production. Whilst future production will conform to Valvoline specifications, variations in these characteristics may occur.

Valvoline Gear Oil GL-4	
SAE Viscosity Grade	80W-90
Viscosity, mm²/s @ 100 °C. ASTM D-445	14.5
Viscosity, mm²/s @ 40 °C. ASTM D-445	135.3
Viscosity Index ASTM D-2270	107
Viscosity, mPa.s -26°C. ASTM D-5293	<150.000
TAN, mg KOH/g ASTM D-664	0.7
Pour Point, °C ASTM D-5950	-27
Specific Gravity @ 15.6°C. ASTM D-4052	0.885
Flash Point, COC, °C. ASTM D-92	182

**This information only applies to products manufactured in the following location(s):
Europe**

People Who Know Use Valvoline™

Serving more than 100 countries around the globe, Valvoline is a leading marketer, distributor and producer of quality branded automotive and industrial products and services. Products include automotive lubricants including MaxLife™, the first motor oil specifically formulated for higher-mileage vehicles; transmission fluids; gear oils; hydraulic lubricants; automotive chemicals; specialty products; greases, and cooling system products.

For more information on Valvoline products, programs and services please visit www.valvolineurope.com

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