

# Product Information

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



## Lubricants – Transmission Oils - Automotive

Version: 230/02b

### Valvoline™ Gear Oil GL-4 SAE 80W

*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

<b>SAE 80W</b>
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.

#### 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

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

##### Consistent, stable viscosity

Increased viscosity-temperature properties even at low temperatures. Highly stable viscosity with long lasting properties.

##### 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
Viscosity, mm <sup>2</sup> /s @ 100 °C. ASTM D-445	9.0
Viscosity, mm <sup>2</sup> /s @ 40 °C. ASTM D-445	68.5
Viscosity Index ASTM D-2270	109
Viscosity, mPa.s -26°C. ASTM D-5293	<150.000
TAN, mg KOH/g ASTM D-664	1.0
Pour Point, °C ASTM D-5950	-27
Specific Gravity @ 15.6°C. ASTM D-4052	0.885
Flash Point, COC, °C. ASTM D-92	178

**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](http://www.valvolineurope.com)

## Author:

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