

Product Information

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



Lubricants – Transmission Oils - Automotive

Version: 206/04c

High Performance 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 High Performance Gear Oil GL-4 provides outstanding protection and lubrication of the gearbox and the transaxle over a wide temperature range.

Approvals/Performance levels

SAE 80W
API GL-4
Mercedes-Benz 235.1
ZF TE-ML-02/17

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

Superior protection

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

Advanced additives

Modern 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

Excellent 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.

High Performance Gear Oil GL-4	
SAE Viscosity Grade	80W
Viscosity, mm ² /s @ 100 °C. ASTM D-445	9.0
Viscosity, mm ² /s @ 100 °C. After shearing(CEC: L-45-T-93).	stay-in-grade
Viscosity, mm ² /s @ 40 °C. ASTM D-445	72
Viscosity Index ASTM D-2270	100
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	200

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

Author:

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Replaces – 206/03

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Europe**

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