

Product Information

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Lubricants – Transmission Oils - Automotive

Version: 216/05

DuraBlend™ Gear Oil GL-5 LS SAE 75W-90

Premium synthetic blend gear oil for Limited Slip Axles of passenger cars, trucks and buses. Extreme Pressure gear oil suitable for differentials when the manufacturer specifies a GL-5 LS gear oil.

Valvoline DuraBlend Gear Oil GL-5 LS is recommended for virtually all limited slip differentials where an SAE 75W-90 hypoid oil with adjusted slip properties is required. The product provides excellent protection and lubrication of the limited slip differential over a wide temperature range.

Approvals/Performance levels

SAE 75W-90
API GL-5

Applications

Suitable for limited slip differentials of passenger cars, vans, trucks, and buses where the manufacturer recommends a GL-5 LS transmission oil with a viscosity of SAE 75W-90.

Limited Slip differentials are often mounted on 4WD vehicles where limited slip is necessary for driving in rough terrain.

The product is also suitable for trucks and buses with LS axles, and even construction equipment where such oils are prescribed in axles and final drives.

Features and Benefits

Excellent protection

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

Advanced additives

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

Breakdown resistance

Synthetic blend 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 long-term multigrade advantages.

Limited slip properties

Base oils and additives provide excellent limited slip properties resulting in suppressing noises that can occur in limited slip axles.

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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.

DuraBlend Gear Oil GL-5 LS	
SAE Viscosity Grade	75W-90
Viscosity, mm²/s @ 100 °C. ASTM D-445	16.0
Viscosity, mm²/s @ 100 °C. After shearing(CEC: L-45-T-93).	Stay-in-grade
Viscosity, mm²/s @ 40 °C. ASTM D-445	110
Viscosity Index ASTM D-2270	156
Viscosity, mPa.s -40°C. ASTM D-2983	<150.000
TAN, mg KOH/g ASTM D-664	2.3
Pour Point, °C ASTM D-5950	-45
Specific Gravity @ 15.6°C. ASTM D-4052	0.874
Flash Point, COC, °C. ASTM D-92	158

**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.

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