

Lubricants – Transmission Oils – Automotive

Version: 257/02

Valvoline™ Axle Oil 75W-90 LS

Premium synthetic technology axle oil for Limited Slip Axles of passenger cars and vans. EP axle oil suitable for differentials where the manufacturer specifies a GL-5 LS lubricant.

Valvoline Axle Oil 75W-90 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.

Performance levels

API: GL-5

Features & 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.

Applications

Suitable for limited slip differentials of passenger cars and vans 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 or in high powered cars to better deliver the torque to the ground.

PRODUCT INFORMATION



Keeping the world moving since 1866™

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; 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.valvolineeurope.com

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 Axle Oil LS	
SAE Viscosity Grade	75W-90
Viscosity , mm ² /s @ 100 °C. ASTM D-445	16,0
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	110
Viscosity Index ASTM D-2270	156
Viscosity , mPa.s -40°C. ASTM D-5293	<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	0,879
Flash Point , COC, °C. ASTM D-92	158

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

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Health & Safety

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet <http://msds.valvoline.com>

Protect the environment

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

Storage

We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.

Replaces – 257/01