Lubricants – Transmission Oils – Automotive

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
ZF TE-ML 08

Applications

Suitable for limited slip differentials of passenger cars and vans where the manufacturer recommends a GL-5 LS gear 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 performance vehicles for optimal torque distribution.

Features & Benefits

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

Advanced additives
Specially formulated additives protecting 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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Serving more than 100 countries around the globe, Valvoline Global Operations 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 **https://www.valvolineglobal.com/en-eur/** or **https://pisheets.valvolineglobal.com**

Health & Safety
For more information about environment requirements, product safe handling, storage, and disposal, please refer to the product Safety Data Sheet (SDS) available at **https://sds.valvolineglobal.com**

Typical properties

Valvoline Axle Oil LS	
SAE Viscosity Grade	75W-90
Viscosity @ 100ºC, mm^2/s ASTM D445	15.6
Viscosity @ 100ºC, mm^2/s After shearing (CEC: L-45-T-93)	Stay-in-grade
Viscosity @ 40ºC, mm^2/s ASTM D445	86
Viscosity Index ASTM D2270	194
Viscosity @ –40°C, mPa.s ASTM D5293	< 150 000
TAN, mg KOH/g ASTM D664	1.7
Pour Point, ºC ASTM D5950	-42
Density @ 15°C, g/cm^3 ASTM D4052	0.874
Flash Point, COC, ºC ASTM D92	203

*****The data provided is for reference only and can be applied only for the specific production location.

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

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