Lubricants – Transmission Oils – Automotive

Valvoline™ TDL 75W-90

Premium synthetic gear oil for passenger cars and light commercial vehicles. Total Drive Line oil suitable for gearboxes and differentials under wide variety of operating conditions.

For use in the driveline applications when the manufacturer specifies a GL-4 or GL-5 lubricant. This superior quality automotive gear oil delivers optimal performance in a very wide range of applications.

Performance levels
API GL-4, GL-5

Applications

For use in the driveline applications when a GL-4 or GL-5 is specified by the manufacturer.

Recommended for gearboxes and differentials of passenger cars and vans.

For:

- Gearboxes
- Transferboxes
- Differentials

Not suitable for limited slip applications.

Features & Benefits

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

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

Fuel economy properties
Smoother shifting contributes to better fuel economy. Increased oil circulation provides excellent cooling properties resulting in further fuel savings.

Breakdown resistance
Premium synthetic base oils, balanced additive system avoid breakdowns and extend the lifetime of the transmission.

Consistent, stable viscosity
Excellent viscosity-temperature properties even at very low temperatures. Highly stable viscosity with long-term multigrade advantages.

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Keeping the world moving since 1866™
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 **http://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 **http://sds.valvolineglobal.com**

Typical properties

Valvoline TDL	
SAE Viscosity Grade	75W-90
Viscosity @ 100ºC, mm^2/s ASTM D445	15.0
Viscosity @ 100ºC, mm^2/s After shearing (CEC: L-45-T-93)	Stay-in-grade
Viscosity @ 40ºC, mm^2/s ASTM D445	102
Viscosity Index ASTM D2270	154
Viscosity @ –40°C, mPa.s ASTM D5293	< 150 000
TAN, mg KOH/g ASTM D664	1.7
Pour Point, ºC ASTM D5950	-54
Density @ 15°C, g/cm^3 ASTM D1298	0.865
Flash Point, COC, ºC ASTM D92	202

*****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

Effective date: 3/6/2026

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