

PRODUCT INFORMATION



Lubricants – Transmission Oils – Automotive

Valvoline™ Heavy Duty TDL 75W-90

Synthetic technology total driveline (TDL) oil. Suitable for heavy duty gearboxes and differentials operating under severe conditions.

For use in heavy duty driveline applications when the manufacturer specifies a GL-4 and/or GL-5 lubricant. This high-quality automotive driveline oil is formulated to provide excellent performance and protection across a wide range of driveline applications.

Performance levels

API GL-4, GL-5, MT-1
Arvin Meritor Axles 0-94
DAF
DTFR 12B140
IVECO
Mack GO-J
MAN 341 GA1
MAN 341 type Z2 (ZF)
MAN 342 S1
MB 235.9
MIL-PRF-2105E
RENAULT
SAE J2360
Scania STO 1:1G
Scania STO 2:0A FS
Volvo 97312 (STD 1273,12)
ZF TE-ML 02B, 05A, 07A, 08, 12L, 12N, 16B, 16F, 17B, 19C, 21A

Applications

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

Recommended for conventional as well as ultra modern heavy duty gearboxes and differentials.

For:

- Gearboxes
- Transfer boxes
- Differentials

Not suitable for limited slip applications.

Features & Benefits

Excellent protection

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

Breakdown resistance

Premium base oils in combination with a well balanced additive system can help to avoid breakdowns and extend the lifetime of the transmission.

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.

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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 <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 Heavy Duty TDL	
SAE Viscosity Grade	75W-90
Viscosity @ 100°C, mm²/s ASTM D445	15.4
Viscosity @ 100 °C, mm²/s After shearing (CEC: L-45-T-93)	Stay-in-grade
Viscosity @ 40°C, mm²/s ASTM D445	104
Viscosity Index ASTM D2270	156
Viscosity @ -40°C, mPa.s ASTM D5293	<150 000
Pour Point, °C ASTM D5950	-48
Density @ 15°C, g/cm³ ASTM D4052	0.877
Flash Point, COC, °C ASTM D92	164

*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: 9/28/2026