

PRODUCT INFORMATION



Lubricants – Transmission Oils – Automotive

Valvoline™ Heavy Duty TDL Pro 75W-90

Total drive line (TDL) fluid specially developed for gearboxes and/or differentials in heavy duty applications where 75W-90 is recommended.

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.

OEM Approvals
DTFR 12B140 (MB 235.8)
MAN 342 Type S1, MAN 341 Type Z2
Scania STO 1:1 G, Scania STO 2:0 A FS
Volvo 97312
ZF TE-ML 05A, 12L, 12N, 16F, 17B, 19C, 21A
Performance levels
API GL-4, GL-5, MT-1
Arvin Meritor Axles 0-94
DAF
Mack GO-J
Iveco
MAN 341 GA1
MB 235.9
MIL-PRF-2105E
Renault
SAE J2360
ZF TE-ML 02B, 07A, 08

Applications

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

Recommended for gearboxes and transmissions of commercial vehicles.

For:

- ZF Gearboxes
- Eaton Axles
- Transferboxes

Not suitable for limited slip applications.

Features & Benefits

Advanced additives

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

Excellent protection

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

Breakdown resistance

Premium synthetic base oils balanced additive system avoid breakdowns even with extended drains.

Consistent, stable viscosity

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

Extra-long drain intervals

Approved according to MAN 342 S1 for a 500.000km drain interval.

Fuel economy properties

Less friction by using synthetic base oils 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 <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 Heavy Duty TDL Pro	
SAE Viscosity Grade	75W-90
Viscosity @ 100°C, mm²/s ASTM D445	15.0
Viscosity @ 100°C, mm²/s After shearing (CEC: L-45-T-93)	Stay-in-grade
Viscosity @ 40°C, mm²/s ASTM D445	101.0
Viscosity Index ASTM D-2270	154
Viscosity @ -40°C, mPa.s ASTM D5293	< 150 000
TAN, mg KOH/g ASTM D664	2.0
Pour Point, °C ASTM D5950	-48
Density @ 15°C, g/cm³ ASTM D1298	0.865
Flash Point, COC, °C ASTM D92	194

*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: 3/23/2026