

Product Information

A PRODUCT OF ASHLAND CONSUMER MARKETS, A COMMERCIAL UNIT OF ASHLAND INC.



Lubricants – Transmission Oils - Automotive

Version: 201/07

SynPower™ Gear Oil TDL SAE 75W-90

Premium fully synthetic gear oil for passenger cars, trucks and buses.

Total Drive Line oil, suitable for gearboxes and differentials under severe conditions.

For use in the total drive line when the manufacturer specifies a GL-3, GL-4 or GL-5 lubricant. This premium automotive gear oil has performance capabilities that match current *and* future needs.

Approvals/Performance levels

SAE 75W-90
API GL-3,4,5
API MT-1
MAN 3343 SL, MAN 3343 Type S
MAN 341 Type E3 (Eaton axles)
MB 235.8
MIL-PRF-2105 E
Scania STO 0:1
Volvo 97312
ZF TE-ML 02B, 05B, 07A, 08, 12B, 16F, 17B, 19C, 21B

Applications

For use in the total drive line when a GL-3, GL-4 or GL-5 is specified by the manufacturer.

Recommended for conventional as well as ultra modern gearboxes and transmissions of passenger cars and trucks.

For:

- ZF Gearboxes
- Eaton Axles
- Transferboxes

Not suitable for limited slip applications.

Features and Benefits

Superior protection

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

Advanced additives

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

Breakdown resistance

Premium synthetic base oils, balanced additive system avoid breakdowns and stick-slip even between extended drains.

Consistent, stable viscosity

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

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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Health and Safety

This product is not likely to present any significant health or safety hazards when used correctly in the right application. A Material and Safety Data Sheet (MSDS) is available on request via your local sales office or via the internet @ <http://msds.ashland.com>

Protect the Environment

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

Typical Properties

Typical property characteristics are based on current production. Whilst future production will conform to Valvoline™ specifications, variations in these characteristics may occur.

SynPower Gear Oil TDL	
SAE Viscosity Grade	75W-90
Viscosity, mm ² /s @ 100 °C. ASTM D-445	15.0
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	101
Viscosity Index ASTM D-2270	154
Viscosity, mPa.s -40°C. ASTM D-5293	<150.000
TAN, mg KOH/g ASTM D-664	2.0
TBN, mg KOH/g ASTM D-2896	5.0
Pour Point, °C ASTM D-5950	-48
Specific Gravity @ 15.6°C. ASTM D-4052	0.869
Flash Point, COC, °C. ASTM D-92	194

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

People Who Know Use Valvoline™

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 including MaxLife™, the first motor oil specifically formulated for higher-mileage vehicles; transmission fluids; gear oils; hydraulic lubricants; automotive chemicals; specialty products; greases, and cooling system products.

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