

HEAVY DUTY TDL PRO 75W-90

Heavy Duty Total Drive Line PRO 75W-90 is a premium full synthetic Total Drive Line gear oil suitable for gearboxes and differentials under severe conditions oil, developed to offer one product for the complete driveline solution. This product is a high-performance product that is fully OEM approved and formulated with the most advanced additive technology to offer superior protection against wear and corrosion, outstanding thermal stability over a wide temperature range and provides easier shifting at low-temperatures.

Heavy Duty Total Drive Line PRO 75W-90 is suitable use in the total drive line applications where the manufacturer specifies a GL-4 or GL-5 lubricant. This superior quality automotive gear oil has performance capabilities that allows it to have optimal performances in a very wide range of applications.

Specifications and Approvals

Heavy Duty TDL PRO 75W-90*
API GL-4, GL-5, MT-1
Arvin Meritor Axels 0-76-N
Mack G0-J
MAN 341 type E3 (Eaton)
MAN 342 type M3
Manufacturer Approved:
MAN 341 type Z2 (ZF) <i>Approved</i>
MAN 342 type S1 <i>Approved</i>
MB-Approval 235.8 <i>Approved</i>
SAE J2360 <i>Approved</i>
Scania STO 1:0 <i>Approved</i>
Scania STO 2:0 A FS <i>Approved</i>
Volvo 97312 <i>Approved</i>
ZF TE-ML 05A, 12L, 12N, 16F, 17B, 19C, 21A (ZF001283) <i>Approved</i>

Application

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

Recommended for conventional as well as ultra-modern gearboxes and transmissions of commercial vehicles.

Suitable for use:

- ZF Gearboxes
- Eaton Axles
- Differentials
- Transfer boxes

Note: Not suitable for limited slip applications.



* Check owners' manual before use.

Features and 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.

Consistent, stable viscosity

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

Breakdown resistance

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

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.

PRODUCT INFORMATION



Keeping the world moving since 1866™

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.

For more information on Valvoline products, programs and services please visit www.valvoline.com.au or contact the Technical Hotline on 1800 804 658 for product recommendations.

Typical Properties

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

Heavy Duty TDL PRO 75W-90	Typical
SAE Viscosity Grade	75W-90
Viscosity @ 100 °C, mm ² /s, ASTM D445	15.00
Viscosity @ 100 °C, mm ² /s, ASTM D445 After shearing (CEC: L-45-T- 93).	Stay-in-grade
Viscosity @ 40 °C, mm ² /s, ASTM D445	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	0,865
Flash Point, COC, °C, ASTM D-92	194

Note: Heavy Duty TDL PRO 75W-90 may be unsuitable for use in certain applications, always consult owners' manual if in doubt.

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

Part Number	Pack Size
1368.20	20L
1368.28	208L

Health and Safety

This product is not likely to present any significant health or safety hazards when used correctly in the right application. Safety Data Sheet (SDS) is available on request via your local sales office or 1800 804 658 or through our website www.valvoline.com.au

Protect the Environment

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

Storage

Storage We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60 °C, exposed to hot sun or freezing conditions.

Author:

VP - Effective 24-01-2023
Replaces - 1368/03