

SYNX-TDL 75W-90

SYNX-TDL is a premium Total Driveline Lubricant formulated with 100% PAO & Ester base oil with the newest most advanced technology additive materials that go far beyond GL-5 limits for axle and transmission quality checks, by utilising a "stay in grade" unique viscosity modifier.

This additive technology has over 28 million kilometers of field testing in commercial vehicles as well as passenger cars and is an OEM endorsed additive technology.

Transmissions and axles are just as vital as your engine but often neglected, that's why it is important to use the best available gear oil in protecting the life of your transmission and axles that most conventional gear oils can't provide. When it comes to load carrying characteristics SYNX-TDL offers multiple use high performance, thermally stable technology which is vital in the life of your equipment.

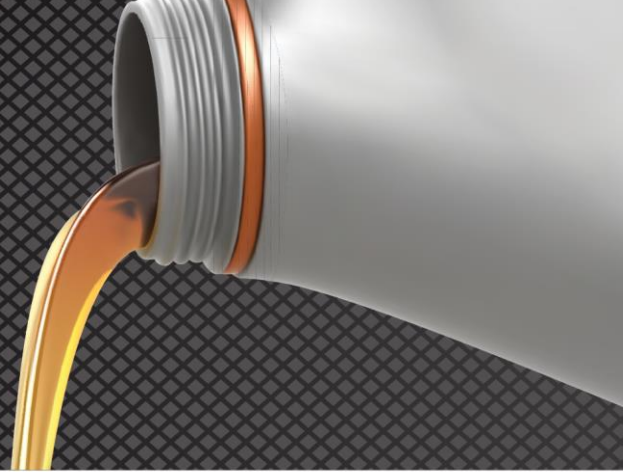
The advantage of using this technology is that it is a Total Driveline Lubricant which can be used in both axles, manual transmissions and transfer cases requiring GL-5 and GL-4.

SYNX-TDL offers total protection on synchromesh and non-synchromesh transmissions as well as delivering extended drain intervals meaning less time vehicles spend off the road as well as maintenance costs.

Increased power densities and operating temperatures dictate higher levels of gear wear which is why bearing pitting protection is necessary as well as a carefully balanced fluid to provide the required durability. SYNX-TDL can be used in a wide range of vehicles (commercial vehicle, construction equipment, passenger cars) where API GL-4 or GL-5 fluids are required in manual transmissions and final drives/differentials as well as transaxles.

Product benefits:

- TDL concept improves material handling and avoids miss-applications
- Fluid rationalization
- OEM endorsed additive technology
- Proven performance in high temperature applications
- Long life oil
- Reduced disposal costs
- Clean internal surfaces of axles and transmissions
- Suitable for limited slip applications
- Protects transmissions and maintains good shift feel
- Wide range of synchroniser compatibility
- Automotive synchromesh transmissions
- Automotive Axles
- SYNX-TDL offers drain intervals up to 500,000 kms on selected vehicles
- Motorsport applications including Sportscar, Formula Ford and VEE transaxles
- Guaranteed quality assurance to consumer equipment
- Manual transaxles and transmissions where GL-4 or GL-5 are recommended



PRODUCT DATA SHEET

TYPICAL PROPERTIES

Density @ 15°C	0.869
Viscosity @ 40°C (cSt)	108.3
Viscosity @ 100°C (cSt)	15.5
Viscosity Index	152
Brookfield @ -40°C (m.Pa.s.)	65 000
Closed Flash Point (°C)	202
Pour Point (°C)	-48
Copper Corrosion (3 hours @ 125°C)	1B
Appearance	Slight haze

PERFORMANCE SPECIFICATIONS

SAE: Viscosity 75W-90

API: GL5

API: GL4

API: MT-1

SAE: J2360 (Formally US Military: MIL-PRF-2105E)

DAF

Detroit Diesel: DFS93K219.01

Iveco

Mack: GO-J

MAN: 342 Type M3

MAN: 341 Type Z2

MAN: 341 Type E3

MAN: 342 Type S1

MB-Approval: 235.8

Meritor: O-76N Extended drain

Renault: (in accordance with Renault note technique B0032/2 annex 3)

Scania: STO 1:0, STO: 2:0A FS

Volvo: 97312

ZF TE-ML: 02B, 05A, 07A, 08, 12B, 12L, 12N, 13, 16B, 16F, 17B, 19C, 21A

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