



Better engine oils

Power to protect. Power to perform.



TOP GEAR TDL 80W-90

PRODUCT CODE: TO2365

TOP GEAR TDL 80W-90 is a high performance total driveline gear lubricant designed to provide excellent lubrication in a wide range of drive trains of light & heavy duty commercial vehicles. Based on high quality mineral base oil in combination with a special additive package to ensure the following properties:

BENEFITS:

- Good thermo-oxidative stability.
- Good load bearing characteristics.
- Effective rust and corrosion protection.
- High low temperature fluidity provides smoother shifting at low ambient temperatures.
- Exceptional shear stable.
- Excellent frictional properties provide improved fuel economy and smoother shiftability

Exceeds the following performance requirements:

- API GL-4/5,
- MT-1
- MAN M 3343
- MIL-PRF-2105E (WSP-M2C197-A)
- Scania STO 1:0
- MB 235.0 ZF TE-ML 02B/05A/07A/12E/16B/16C/16D/17B/19B/21A SAE J2360 MACK GO-J
- MAN 341 E2 Volvo 97310

TYPICAL ANALYSIS:

Properties	Unit	Method	Typical Value
SAE Grade		SAE J3000	80W-90
Density @15°C	kg/m ³	ASTM D4052	902
Kin. Viscosity @40°C	mm ² /s	ASTM D7042	148
Kin. Viscosity @100°C	mm ² /s	ASTM D7042	14.7
Viscosity Index		ASTM D2270	97
Brookfield Viscosity @-40°C	cP	ASTM D2983	150000
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D97	-27

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