



TRANSMISSION SYN FE 75W-90



HIGH PERFORMANCE SYNTHETIC GEAR OIL

APPLICATIONS

- Very high performance multigrade synthetic oil for the lubrication of highly loaded gears.
- Designed to meet the challenge of the T.D.L. (Total Drive Line) concept : a high performance lubrication of hypoid axles as well as synchronized gearboxes.
- Suitable when filters are part of the lubrication system.
- Recommended when the levels API GL-4, GL-5, MT-1 or SAE J2360 are specified.
- Particularly recommended for the lubrication of rear axles and final drives of commercial vehicles from Mack, MAN, DAF, Mercedes, Iveco, Volvo, Renault Trucks, Mercedes-Benz, with extended drain interval up to 540 000km.
- Recommended by Total for the following applications: ArvinMeritor O76N, MAN 341-Z2, MAN 342-S1, Volvo 97312, Volvo 97316(GO101), Ford M2C-200C

PROPERTIES

- Outstanding extreme-pressure and antiwear properties preventing scuffing, wear and pitting of gears and bearings under highly loaded conditions.
- Excellent resistance to oxidation and high shear stability providing capacity for very extended drain intervals (up to 540 000km) with intact performance.
- Exceptional filterability and good antifoam behaviour allowing optimal oil flow in the axles and gearboxes.
- Excellent anticorrosion, antifoam, antirust and dispersivity properties, providing durability benefits
- Easy gear shifting as well under cold or hot conditions of use, providing optimal driving confort.
- Reduction of friction, drag and splash losses providing improvement of the efficiency of the driveline and generating fuel economy: this lubricant has been certified by TUV in 2009: after tests carried out in Millbrook (UK) on a Euro 4 truck, the TUV confirms that the combined use of this product together with a Fuel Economy engine and gear oil help save 3% of fuel on average



CHARACTERISTICS

	Units	SAE Grade 75W-90
Specific Gravity at 15°C	kg/m ³	866
Viscosity at 40°C / at 100°C	mm ² /s	101 / 15
Dynamic Viscosity at - 40°C	mPa.s	66 000
Viscosity Index	-	157
Pour Point	°C	-51
Cleveland Flash point	°C	190

The typical characteristics mentioned represent mean values.

SPECIFICATIONS

DAF (extended drain for rear axles)
MB-Approval 235.8
MACK GO-J
MAN 3343 type S (ex MAN 3343 type SL)
SCANIA STO 1:0
ZF TE-ML 02B, 05B, 07A, 12B, 16F, 17B, 19C, 21 B
SAE J2360 (n°PRI GL 0272)

Meets the performance requirements of the following international specifications :

API GL-4
API GL-5
API MT-1
MIL-PRF-2105E

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This lubricant used in accordance with our recommendations and for the application for which it is intended does not represent a special hazard.
A safety data file conforming to the requirements of current E.C. legislation is available from your local trade consultant and downloaded from <http://www.quick-fds.com>