

MAXIGEAR TS 4500

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DESCRIPTION:

Lubricant oil, SAE Grade 75W90, for high performance gearing. Formulated with synthetic bases and cutting-edge additives.

APPLICATIONS:

- ✓ Especially designed to lubricate manual transmissions and synchronizes gearboxes, hypoid drive shafts, differentials groups, and transfer cases.
- ✓ Gear systems which require API GL4 / GL5 quality.
- ✓ Gearing subjected to high torque or high rotational speeds.
- ✓ Heavy construction equipment, coaches, urban buses, heavy transport, private and commercial vehicles, forklifts, tractors, and combine harvesters.

PROPERTIES AND ADVANTAGES:

- ✓ It provides excellent load-bearing capability, considerably reducing losses to friction.
- ✓ It allows extended drain intervals thanks to its synthetic formulation.
 - From 500 hours up to 1500 hours according to the working conditions and type of load.
 - Up to 120,000 km in manual gearboxes on private and commercial vehicles.
 - Up to 150,000 km in heavy transport on public roads.
- ✓ Formulated with components with high shear stability, maintaining its initial viscosity and ensuring an adequate lubricating film on the metallic surface of the gears.
- ✓ Excellent resistance to thermal degradation.
- ✓ High lubricity and anti-wear protection.
- ✓ Outstanding fluidity at low temperature, reducing premature wear caused by starts at cold.
- ✓ Reduced formation of deposits, keeping the gears in an optimal state of cleanliness.
- ✓ Improved anti-corrosive properties, excellent anti-rust protection.
- ✓ It improves the performance of gears and bearings.

SPECIFICATIONS

API GL4 / GL5 / MT1	FORD M2C-200C
MAN 341 Z2	ALFA - FIAT -
MAN 342 S1	MITSUBISHI
MAN 3343 S	OPEL
ZF TE ML 02B / 05A / 05B / 07A / 16F / 17A / 17B / 19C / 21A / 21B	DAF
RENAULT	IVECO
SCANIA STO 1:0	EATON
VOLVO 1273.10	

Compatible with 80W90 formulations where the following specifications are required:

- API GL4 / GL5 / MT1
- MB 235.6
- MIL-L-2105D
- MIL-PRF-2105E
- SAE J2360

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TECHNICAL DATA

PHYSICOCHEMICAL CHARACTERISTICS	STANDARD	VALUE
SAE grade	SAE J-306	75W90
Viscosity at 100°C (cSt)	ASTM D-445	13.5 - 18.0
Viscosity at -40°C, Max. (cP)	ASTM D-2983	150,000
Density at 15°C, typical (kg/l)	ASTM D-1298	0.875
Pour point, Max. (°C)	ASTM D-97	-40
Flash point (°C)	ASTM D-92	180
Wear test, impact at high speed	CRC L-42	Passes
Wear test, low speed - high torque	CRC L-37	Passes
Stability against oxidation	CRC L-60	Passes

PACKAGING:

1L bottle, 20L jerry can, 200L drum, and 1000L IBC container.