

LUKOIL TRANSMISSION MN TM-4/5 SAE 75W-90

Universal high-quality synthetic gear oil of API GL-4/5 performance level for heavy-duty equipment

APPROVALS

ZF TE-ML 02B, 05A, 12L, 12N, 16B, 17B, 19B, 21A (ZF001945)

MB-Approval 235.0

Scania STO 1:0

MEETS REQUIREMENTS

API GL-4/5, MT-1

MAN 341 Z2, 341 E3, 342 M3

MIL-PRF-2105E

SAE J2360

ZF TE-ML 05B, 07A, 08, 12B, 12E, 12M, 16C, 19C, 21B

PRODUCT DESCRIPTION

LUKOIL TRANSMISSION MN TM-4/5 SAE 75W-90 is high quality synthetic multi-grade oil for manual gear boxes and transmission units of passenger cars and commercial vehicles.

The product is manufactured with involvement of modern hydro-synthetic base oils and high-performance additive package what improves operational properties.

APPLICATION

LUKOIL TRANSMISSION MN TM-4/5 SAE 75W-90 has been designed for manual gear boxes and axels of trucks and cars, special and agricultural machineries, etc., where API GL-4 and API GL-5 performance levels are required.

The product name in an order:

Oil LUKOIL TRANSMISSION MN TM-4/5 SAE 75W-90, STO 79345251-082-2015

LUKOIL TRANSMISSION MN TM-4/5 SAE 75W-90 is recommended for the most manual gear boxes and axels which installed in automobiles of the world leading car manufactures (MAN, Mercedes-Benz, Scania, DAF, IVECO, Renault, etc.).

BENEFITS

- High anti-wear and extra pressure properties
- Extended and reliable operation of transmission units under high loads
- High resistance to corrosion and foaming
- Excellent oxidative-thermal stability
- Excellent viscosity-temperature properties in a wide range of ambient temperatures
- Smooth shifting in winter season

TYPICAL TEST DATA

PROPERTY	Test methods	LUKOIL TRANSMISSION MN TM-4/5 SAE 75W-90
Density at 15 °C, kg/m ³	ASTM D4052 / ASTM D1298 / GOST R 51069	867.1
Kinematic viscosity at 100 °C, mm ² /s	ASTM D445 / GOST 33 / GOST R 53708	14.95
Brookfield Viscosity at -40 °C, mPa·s	ASTM D2983 / GOST 1929 A, 8.2	70,285
Viscosity index	GOST 25371 / ASTM D2270	163
Flash Point, COC, °C	ASTM D92 / GOST 4333	194
Pour Point, °C	GOST 20287 B	-44
Tribological properties on four-ball machine:		
-index of load wear, N	GOST 9490	612
-welding load, N		4,136
-wear scar diameter (392 N), mm		0.76
Foaming tendency / foam stability:		
-at 24 °C, ml	ASTM D892	0/0
-at 94 °C, ml		10/0
-at 24 °C after test at 94 °C, ml		0/0

The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved by OOO "LLK-International".