

LUKOIL TRANSMISSION TM-4 SAE 75W-90

High quality semi-synthetic API GL-4 gear fluid

APPROVALS

JSC «AVTOVAZ»

MEETS REQUIREMENTS

API GL-4
MIL-L-2105
ZF TE-ML 08

PRODUCT DESCRIPTION

LUKOIL TRANSMISSION TM-4 SAE 75W-90 is high quality semi-synthetic gear fluid for manual transmissions of passenger cars and heavy duty vehicles.

The oil is manufactured using highly refined mineral and modern synthetic base oils blended with advanced additive package improving lubricant performance.

APPLICATION

LUKOIL TRANSMISSION TM-4 SAE 75W-90 is intended for use in manual transmissions, differentials and transfer boxes of mobile equipment, including foreign and domestic passenger cars, trucks, and buses.

PROPERTIES

SAE 75W-90 viscosity grade provides excellent performance characteristics in a wide temperature range.

BENEFITS

- High extreme pressure properties and protection against wear
- Extended and reliable operation of transmission systems under high loads and over a wide temperature range
- Excellent oxidative and thermal stability
- Excellent anti-corrosion and anti-foam characteristics
- High level of viscosity/temperature properties
- Smooth gearshift performance during a winter season

The product name in an order:

Oil LUKOIL TRANSMISSION TM-4 semi-synthetic SAE 75W-90, API GL-4 STO 00044434-009-2006

TYPICAL TEST DATA

PROPERTY	Test method	LUKOIL TRANSMISSION TM-4 SAE 75W-90
Density at 15°C, kg/m ³	GOST R 51069 / ASTM D4052 / ASTM D1298	880.6
Kinematic viscosity at 100°C, mm ² /s	GOST 33 / ASTM D445 / GOST R 53708	16.9
Dynamic viscosity at -40°C, mPa·s	GOST 1929 / ASTM D2983	144,980
Viscosity Index	GOST 25371 / ASTM D2270	178
Flash Point, COC, °C	GOST 4333 / ASTM D92	213
Pour Point, °C	GOST 20287	-42
Tribological properties on four-ball machine:		
-Index of load wear, N	GOST 9490	515.6
-Welding load, N		3,481
-Wear scar diameter, mm		0.4
Foaming/foam stability:		
-at 24°C, ml	ASTM D892	0/0
-at 94°C, ml		10/0
-at 24°C after 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".