

LUKOIL TRANSMISSION UNI 80W-90

Universal Total Drive Line (TDL) manual transmission oil

Specifications

- API GL-4/GL-5/MT-1
- MAN 342 Type M2
- Scania STO 1:1G
- Scania STO 1:0
- ZF TE-ML 05B/07A/08/16C/19C/21B
- MB 235.0
- MAN 341 Type Z2
- ZF TE-ML 02B/05A/12L/12M/16B/17H/19B/21A
- SAE J2360
- MAN 341 Type E2
- MIL PRF-2105 E
- Arvin Meritor 076-D

Product description

Mineral Total Drive Line (TDL) transmission oil, designed for use in heavy-loaded gearboxes and axles of trucks, where API GL-4 or API GL-5 performance level is recommended.

Application

Developed for mechanical gearboxes and heavy-loaded axles of trucks, special equipment, agricultural machinery and other transmissions requiring the use of API GL-4, GL-5 or MT-1 oils. Recommended for most of mechanical transmissions and axles installed in trucks of leading OEMs (MAN, Mercedes-Benz, Scania, DAF, IVECO, Renault, etc.).

Benefits

PROTECTION

Well-balanced additive package effectively protects transmission components against wear and provides excellent synchronizers compatibility

STABLE VISCOSITY

Excellent viscosity-temperature properties in a wide range of ambient temperatures

SYNCHRONIZER COMPATIBILITY

Provides long service life of synchronizers, composed of yellow metals

The product name in an order: Oil LUKOIL TRANSMISSION UNI 80W-90, STO 79345251-222-2020

Typical test data

The information given in the typical data does not constitute a specification and can be affected by allowable production tolerances. The right to make modifications is reserved by OOO «LLK-International»

Property	Test methods	Value
Density at 15 °C, kg/m ³	ASTM D1298 / ASTM D4052	899
Kinematic viscosity at 100 °C, mm ² /s	ASTM D445	14.7
Kinematic viscosity at 40 °C, mm ² /s	ASTM D445	145
Brookfield viscosity at -26 °C, mPa·s	ASTM D2983	131,921
Viscosity index	ASTM D2270	100
Flash Point, COC, °C	ASTM D92	218
Pour Point, °C	GOST 20287 B	-34
Tribological properties on four-ball machine:	GOST 9490	0.88
-Wear scar diameter, mm		