

G-Truck GL-4/GL-5 80W-90



Mechanical gearboxes



EP properties



Anti-wear protection



Oxidation stability



High quality mineral base oils



Corrosion protection



Drive axles

G-Truck GL-4/GL-5 80W-90 – all-season universal transmission oil based on the high-quality base components for commercial highway and off-road vehicles. Designed for both mechanical and hypoid gearboxes of various manufacturers. Oil ensures high anti-wear and extreme pressure protection of heavy duty gears and meeting API GL-4 and API GL-5 requirements.

Applications



- For passenger cars, highway (trucks, buses etc.) and off-road (agricultural, mining etc.) vehicles of European, American and Asian manufacturers.
- Applicable for passenger cars, trucks and buses mechanical gearboxes, including ZF and Eaton production.
- Applicable in drive axles of passenger cars, trucks, buses and off-road equipment.
- Applicable in final drives, transfer cases and power take-off boxes.

Advantages/Potential benefits

G-Truck GL-4/GL-5 80W-90 with use of high-tech additives package provides effective operation of transmissions at various operation modes:

Features	Advantages/Potential Benefits
High protection against scuffing and pitting	Retaining of gear teeth shape– retaining transmission service life
Oxidation and thermal impact stability	Possibility of oil drain interval extension – reducing lubricants cost
Effective corrosion protection	Bearing and synchronizers service life extension – reducing maintenance costs
Optimal friction properties	Provides reliable synchronizers operation – smooth gear shifting
Foam formation stability	Foam minimization– reliable lubrication of rubbing parts
Compatibility with sealing materials	Doesn't cause negative effects on elastomers- prevents oil leakage

Approvals

- PJSC "YMZ"

Specifications

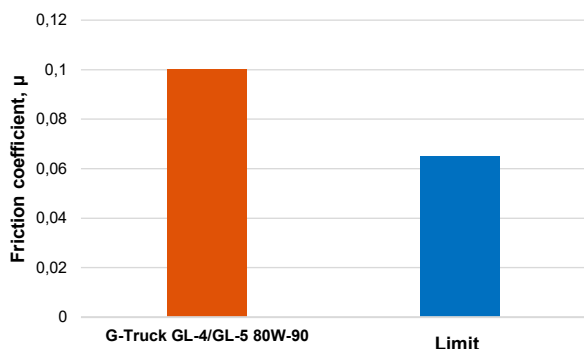
- SAE J2360
- Volvo 97321
- API GL-4, GL-5, MT-1
- ArvinMeritor 076-A/D
- MACK GO-J
- MAN M 3343 Type M
- MAN 341 Type E2
- MAN 341 Type Z2
- MAN 342 Type M2
- Scania STO 1:0
- Scania STO 1:1 G
- ZF TE-ML 02B, 05A, 07A, 08, 12L, 12M, 16B, 17H, 19B, 21A
- DTFR 12B100 (MB 235.0)

Typical physical and chemical characteristics

Parameters	Method	G-Truck GL-4 80W-90
Kinematic Viscosity @100°C, mm ² /s	GOST 33	14,4
Viscosity Index	ASTM D2270	101
Brookfield Viscosity @-26°C, mPa·s	ASTM D2983	86250
Flash Point (COC), °C	GOST 4333	231
Pour Point, °C	GOST 20287 B	-34
Density @15°C, kg/m ³	ASTM D4052	891,3

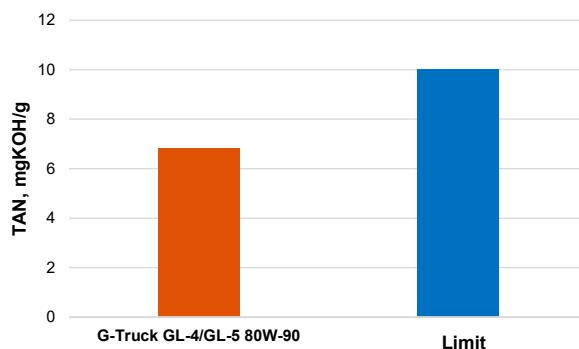
Transmission oil **G-Truck GL-4/GL-5 80W-90** exceeds the requirements of main specifications according to the tests:

Friction coefficient after 100000 shifts*



G-Truck GL-4/GL-5 80W-90 maintains high friction coefficient throughout entire service life, providing smooth gear shifting.

TAN increasing after oxidation**



G-Truck GL-4/GL-5 80W-90 has oxidation stability and minimizes acid formation. Possibility of drain interval extension.

*Тест ZF/FZG SSP-180

**Тест CEC L-48-A-00 B (Part A)

The company's management system is certified in accordance with the international standards

ISO 9001



ISO 14001



ISO 45001

