

G-Truck GL-4 80W-90



Mechanical gearboxes



EP properties



Anti-wear protection



Oxidation stability



High quality mineral base oils

G-Truck GL-4 80W-90 – all-season transmission oil based on the high-quality base components for commercial highway and off-road vehicles. Designed for mechanical gearboxes of ZF and Eaton manufacturers. Oil ensures high anti-wear and extreme pressure protection of transmission units and meeting API GL-4 requirements.

Applications



- For highway (trucks, buses etc.) and off-road (agricultural, mining etc.) vehicles of European, American and Asian manufacturers.
- Applicable for trucks and buses mechanical gearboxes, including ZF and Eaton production.
- Applicable in transfer cases of trucks, buses, tractors and power take-off boxes.
- Designed for heavy-duty mechanical transmissions where API GL-4 oils level is required.
- Not applicable for hypoid axles

Advantages/Potential benefits

G-Truck GL-4 80W-90 with use of anti-wear and extreme pressure additives provides effective operation of transmissions at various operation modes:

Features	Advantages/Potential Benefits
High anti-wear protection	Effective lubrication of gears and bearings – retaining transmission service life
Oxidation and thermal decomposition stability	Minimization of deposits formation – no gearboxes overheating
Extreme pressure characteristics	Formation of protective layers at the high loads – reducing transmissions noise
Corrosion protection	Reduction of corrosion effect of acids on mechanisms parts-reducing repair costs
Good resistance to foaming	Reducing foam formation to minimum – high gearbox performance
Excellent compatibility with sealing materials	Doesn't cause negative effects on elastomers- prevents oil leakage

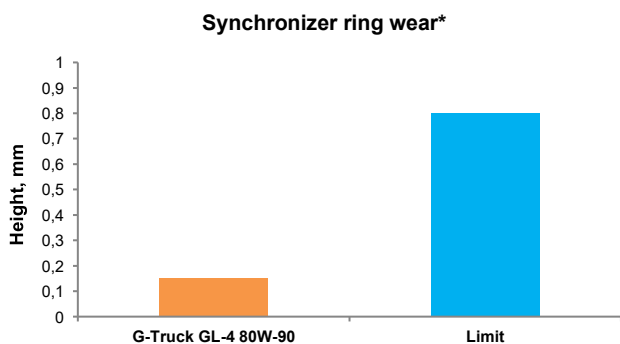
Specifications

- API GL-4
- ZF TE-ML 02B, 16A, 17A, 19A
- MAN 341 Type Z2/E1

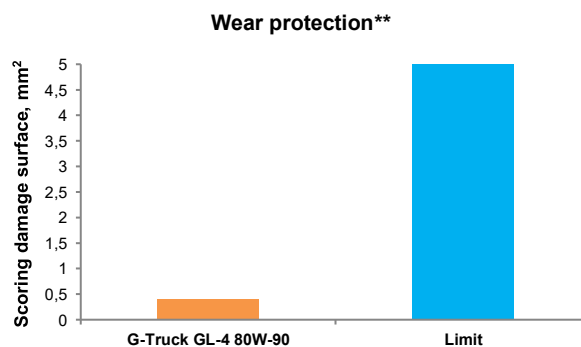
Typical physical and chemical characteristics

Parameters	Method	G-Truck GL-4 80W-90
Kinematic Viscosity @100°C, mm²/s	GOST 33	15,2
Viscosity Index	ASTM D2270	108
Brookfield Viscosity @-26°C, mPa·s	ASTM D2983	95250
Flash Point (COC), °C	GOST 4333	255
Pour Point, °C	GOST 20287 B	-33
Density @15°C, kg/m³	ASTM D4052	884,1

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



G-Truck GL-4 80W-90 protects synchronizers from wear, providing maximization of transmission service life and smoothness of gear shifting.



G-Truck GL-4 80W-90 prevents damage of gear teeth at the increased loads. Retaining transmission service life.

*ZF/FZG SSP-180; **FZG Pitting Test C/9/90

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

ISO 9001



ISO 14001



ISO 45001

