

G-Truck Z 75W-80



Manual transmission



Extreme Pressure properties



Improved low-temperature performance



High oxidation stability



Long drain interval capability



Energy conserving



Synthetic technology base oil

G-Truck Z 75W-80 is all-season synthetic energy conserving transmission oil. Designed for use in ZF manual transmissions (including automatized mechanical transmissions) of on-road and off-road commercial vehicles. Fully-synthetic base oil provides long drain interval capability according to OEM requirements. Product has better fuel efficiency, than regular SAE 75W-90, 75W-85, 80W-90, 80W-85 transmission oils.

Application



- European on-road (heavy duty trucks, buses, etc.) and off-road vehicles, including MAN, DAF, Renault, Iveco, Volvo, etc.
- Manual and automatized mechanical ZF transmissions.
- Ecolite, Ecomid, Ecotronic, Ecosplit, AS Tronic, TraXon, Ecoshift series transmissions with or without retarder.

Features/Potential benefits

Adaptive additive technology and synthetic base of **G-Truck Z 75W-80** provides high transmission performance in all working conditions:

Features	Advantages/Potential benefits
Energy conserving product	Fuel economy by reduced friction – lowering fuel expenses
Advanced oxidation stability	Long drain interval capability (up to 360 000 km – ZF, up to 400 000 km - Volvo) – lowering maintenance cost
Optimal friction in synchronizers	Stable friction coefficient during whole oil drain interval – smooth gear change and better operator comfort
Advanced Extreme Pressure and anti-wear properties	Effective wear and seize protection of transmission details – transmission life maximization
Stay-in-grade viscosity stability	Stable viscosity in whole long drain interval – lower risk of unexpected equipment failures
Excellent low-temperature performance	Normal lubrication during winter cold starts – easier engine start-up and start of movement

Typical characteristics

Properties	Value	Method
Kinematic Viscosity, mm ² /s at 40 °C	57,8	ASTM D 445
at 100 °C	9,6	ASTM D 445
Viscosity Index	150	ASTM D 2270
Flash Point (COC), °C	236	ASTM D 92
Dynamic Viscosity (Brookefield) at – 40 °C, mPa*s	50000	ASTM D 2983
Pour Point, °C	-46	ASTM D 97
Density at 15 °C, kg/m ³	863	ASTM D 1298

Approvals

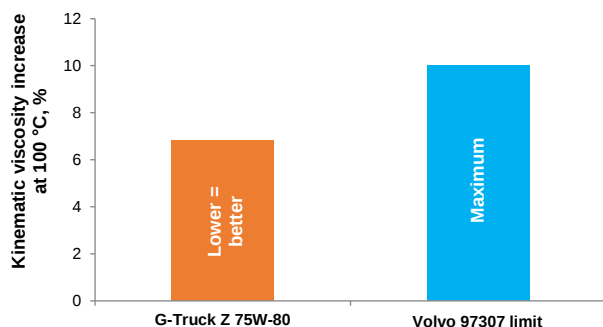
- MAN 341 Type Z4

Specifications

- API GL-4
- ZF TE-ML 01L, 02L, 13, 16K
- Robert Bosch TE-ML 08
- Volvo 97307
- Iveco, DAF, Renault Trucks

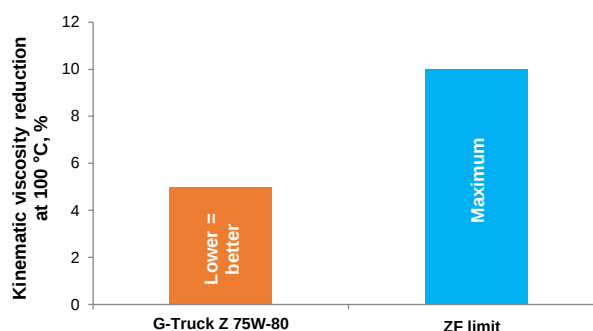
G-Truck Z 75W-80 outperforms the requirements of main specifications according to the tests:

Oxidation stability *



High oxidation stability of **G-Truck Z 75W-80** provides longer drain intervals capability and lowering maintenance expenses.

Stay-in-grade viscosity shear stability **



Advanced viscosity shear stability of **G-Truck Z 75W-80** provides strong lubricating film during whole oil drain interval, reduced unexpected failure risk and transmission life maximization.

* CEC L-48-A-00 (B) test; ** CEC L-45-A-99 test

Health, Safety, Environment

Information is provided for products in the relevant Safety Data Sheet (SDS). This provides guidance on potential hazards, precautions and first-aid measures, together with environmental effects and disposal of used products. SDS's are available upon request through your sales contract office. This product should not be used for purposes other than its intended use.

Certified

ISO 9001



ISO 14001



ISO 45001

