

Gazpromneft GL-4/GL-5 75W-90



Manual transmission



Drive axles



High EP properties



Oxidation stability



Low temperature properties



Synthetic oil

Gazpromneft GL-4/GL-5 75W-90 is a synthetic, all-season transmission oil for multipurpose application. It is designed for manual transmissions of passenger cars and commercial transport, transfer cases, drive axles with all types of gears. The oil has enhanced viscosity-temperature and EP properties, high oxidation stability. It is possible to extend drain interval comparing to the oils produced on mineral and semi-synthetic base.

Characteristics/ Advantages/Potential benefits

- Excellent extreme pressure properties → providing necessary bearing capacity under increased loads allows to protect working surface of gear teeth → maximizing the service life of the gears
- High anti-pitting properties → gears and bearings protection → Operating costs reduction
- Excellent viscosity-temperature characteristics → applicable for use in a wide range of working temperatures → operating costs reduction
- Stability against oxidation → oil retains performance characteristics throughout the service interval → reduction of lubricants costs
- Versatility of application → possibility to use in both: manual transmissions and hypoid gears → reduction of inventory stock
- Compatibility with sealing materials → No negative effect on elastomers → seal service life increasing

Application



- For passenger cars, on-highway vehicles (trucks, busses etc.), off-road industries (mining, agriculture etc.) European, American and Asian manufacturers.
- Manual transmissions of passenger cars.
- Manual transmissions of commercial transport where oils operational properties meeting API GL-4 standard are required.
- Drive axles of commercial on-highway vehicles, including MAN, Scania.
- Drive axles of off-road technics where oils operational properties meeting API GL-5 standard are required.
- On-board gearboxes, transfer cases, power take-off boxes.

Specifications	Gazpromneft GL-4/GL-5 75W-90
API GL-4, GL-5; API MT-1	✓
ZF TE-ML 02B, 05A, 12L/M/N, 16B, 17B, 19C, 21A	✓
Scania STO 1:0, 1:1 G	✓
MAN 341 Type E2, E3, Z2, MAN 342 Type M3	✓
MIL-PRF-2105E; SAE J2360	✓

Typical physical and chemical characteristics

Parameters	Method	Gazpromneft GL-4/GL-5 75W-90
Kinematic viscosity @ 100 °C, mm ² /s	ASTM D 445	17,7
Viscosity Index	ASTM D 2270	155
Brookfield viscosity @ -40°C, mPa*s	ASTM D 2983	115 000
Flash Point (COC), °C	ASTM D 92	225
Pour Point, °C	GOST 20287	-40
Density @ 20 °C, kg/m ³	ASTM D 4052	848
Four ball wear test @ 20 °C: Load wear index (LWI), N Welding load (Pc), N	GOST 9490	727 5400

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

ISO 9001



ISO 14001



ISO 45001

