

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

Fully Synthetic Automotive Gear Oil



Mechanical transmissions



Drive axles



Good EP properties



Oxidation stability



Excellent low temperature performance



Synthetic

Gazpromneft GL-4/GL-5 75W-90 is fully synthetic, high performance gear oil. It is designed for heavy duty manual transmissions and drive axles where operations require gear oils with excellent load-carrying capability over wide operating temperatures and where extreme pressures and shock loading are expected. Gazpromneft GL-4/GL-5 75W-90 has excellent thermal and oxidation stability, high Viscosity Index (VI), extremely low pour point, and outstanding low temperature fluidity. Gazpromneft GL-4/GL-5 75W-90 meets the requirements of the API MT-1/GL-4/GL-5 gear oil specifications.

Applications



- Transmissions, axles and other applications where oils meeting API GL-4, GL-5 or MT-1 are recommended
- On-highway light- and heavy-duty trucks, busses, vans, and cars
- Off-highway industries including: construction, quarrying, and agriculture
- Not intended for automatic, manual, or semi-automatic transmissions for which engine oil or automatic transmission fluids are recommended

Features	Advantages and Potential Benefits
Durable extreme pressure (EP) performance	Increased load and shock carrying ability, preventing premature failure and provide longer equipment life
Outstanding protection against low speed/high torque wear, spalling, and high speed scoring	Increased load-carrying capability to reduce maintenance costs and prolong equipment life
High viscosity index and good shear stability	Retains viscosity and film strength under severe operating conditions to prevent wear
Excellent thermal stability and resistance to high temperature oxidation	Minimal deposits for long gear and bearing life
Wide multipurpose capability	One lubricant for heavy-duty manual transmissions and rear axles
Compatible with typical automotive seals and gaskets	Minimum leakage and reduced contamination

Meets the requirements

- API GL-4/GL-5
- API MT-1
- MAN 341 Type E2
- MIL-PRF-2105E
- Scania STO 1:0 (corresponding to specification is verified)

Approvals

- MAN 341 Type Z2
- MAN 342 Type M3
- ZF TE-ML 02B, 05A, 05B, 12L, 12N, 16B, 17B, 19C, 21A

Typical Characteristics

Properties	Method	Gazpromneft GL-4/GL-5 75W-90
SAE Viscosity Grade	SAE J306	75W-90
Kinematic Viscosity @40°C, mm ² /s	ASTM D445	109,3
Kinematic Viscosity @100°C, mm ² /s	ASTM D445	17,1
Viscosity Index	ASTM D2270	171
Brookfield @-40°C, mPa·s	ASTM D2983	120 000
Flash Point (COC), °C	ASTM D92	173
Pour Point, °C	ASTM D97	-42
Density @15°C, kg/m ³	ASTM D4052	872
Tribological characteristics, Four-Ball Method: Load-wear index, N Weld point, N	ASTM D2783	750 5500

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.