

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

Fully Synthetic Automotive Gear Oil



Manual transmissions



Drive axles



High EP properties



Resistance to high temperature oxidation



Excellent low temperature performance



Fully 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 & 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 against 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
- MAN 341 Type Z2
- MAN 342 Type M3
- MIL-PRF-2105E
- SAE J2360
- Scania STO 1:0
- ZF TE-ML 02B,05B, 12L/M, 16B, 17B, 19B

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 D 445	98,43
Kinematic Viscosity @100°C, mm ² /s	ASTM D 445	15,74
Viscosity Index	ASTM D 2270	155
Brookfield Viscosity @ -40°C, mPa·s	ASTM D 2983	130 000
Flash Point (COC), °C	ASTM D 92	173
Pour Point, °C	ASTM D 97	- 42
Density @20°C, kg/m ³	ASTM D 4052	868
Tribological characteristics at 20°C, Four-Ball Method: Load-wear index, N Weld point, N	ASTM D 2783	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.