

## Gazpromneft GL-5 80W-90

Automotive Gear Oil



Drive axles



High EP properties



High quality mineral base oils

**Gazpromneft GL-5 80W-90** is high performance gear oil designed for transmission components used in both on-highway and off-highway applications. It is formulated from high quality mineral base oils and an advanced additive package to provide excellent shifting performance, good low temperature fluidity, and high temperature viscosity retention. Gazpromneft GL-5 80W-90 meets the requirements of Scania, MAN, ZF.

### Applications



- Passenger cars, buses, on-highway trucks and commercial vehicles
- Off-highway industries including: construction, mining, quarrying, and agriculture
- Heavy duty axles and final drives requiring API GL-5 level performance
- Constant mesh and steel synchro-mesh manual gearboxes
- Transfer gearboxes and power take-offs

### Features, Advantages & Potential Benefits

- **Robust EP performance**  
Protection from gear scuffing and wear
- **Reliable share stability**  
Ensure consistent viscosity throughout fluid service life
- **Thermal and oxidation stability**  
Reducing oil thickening, sludge, and varnish formation due to high operation temperatures to assure extended gear life
- **Low temperature fluidity**  
Wear protection during cold starts
- **Protection against corrosion**  
Preventing corrosion for increased equipment protection and equipment life
- **Wear protection**  
Excellent wear protection at high temperatures due to viscosity retention

#### Meet the requirements :

- API GL-5
- MAN 342 Type M2
- Scania STO 1:0
- ZF TE-ML 07A
- ZF TE-ML 08
- ZF TE-ML 16C
- ZF TE-ML 16D

#### Approvals:

- ZF TE-ML 05A
- ZF TE-ML 12E
- ZF TE-ML 16B
- ZF TE-ML 17B
- ZF TE-ML 19B
- ZF TE-ML 21A
- AVTOVAZ

## Typical Properties

Properties	Method	Gazpromneft GL-5 80W-90
SAE Viscosity Grade	SAE J306	80W-90
Kinematic Viscosity @100°C, mm <sup>2</sup> /s	ASTM D 445	14,3
Brookfield Viscosity @ -26°C, mPa·s	ASTM D 2983	140 000
Flash Point (COC), °C	ASTM D 92	220
Pour Point, °C	ASTM D 97	-32
Density @20°C, kg/m <sup>3</sup>	ASTM D 4052	897
Tribological characteristics at 20°C, Four-Ball Method: Load-wear index, N Weld point, N	ASTM D 2783	656 4381

## 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.

## Gazpromneft Super T-3

Automotive Gear Oil



Drive axles



High EP properties



High quality mineral base oils

**Gazpromneft Super T-3** is high performance gear oil designed for transmission components used in both on-highway and off-highway applications. It is formulated from high quality base oils and an advanced additive package to provide excellent shifting performance, good low temperature fluidity, and high temperature viscosity retention. Gazpromneft Super T-3 meets the requirements of API GL-5 specification.

### Applications



- Passenger cars, busses, on-highway trucks and commercial vehicles
- Off-highway industries including: construction, mining, quarrying, and agriculture
- Heavy duty axles and final drives requiring API GL-5 level performance
- Constant mesh and steel synchro-mesh manual gearboxes
- Transfer gearboxes and power take-offs

### Features, Advantages & Potential Benefits

- **Robust EP performance**  
Protection from gear scuffing and wear
- **Reliable share stability**  
Ensure consistent viscosity throughout fluid service life
- **Thermal and oxidation stability**  
Reducing oil thickening, sludge, and varnish formation due to high operation temperatures to assure extended gear life
- **Low temperature fluidity**  
Wear protection during cold starts
- **Protection against corrosion**  
Preventing corrosion for increased equipment protection and equipment life

#### Meet the requirements of:

- API GL-5
- MB 235.0
- MAN 342 Type M1
- GAZ

#### Approvals:

- ZF TE-ML 16C
- ZF TE-ML 17B
- ZF TE-ML 19B
- ZF TE-ML 21A
- AVTOVAZ

## Typical Characteristics

Properties	Method	Gazpromneft Super T-3
SAE Viscosity Grade	SAE J306	85W-90
Kinematic Viscosity @100°C, mm <sup>2</sup> /s	ASTM D 445	17,3
Brookfield Viscosity @ -12°C, mPa·s	ASTM D 2983	23 000
Flash Point (COC), °C	ASTM D 92	218
Pour Point, °C	ASTM D 97	-25
Density @20°C, kg/m <sup>3</sup>	ASTM D 4052	902
Tribological characteristics at 20°C, Four-Ball Method: Load-wear index, N Weld point, N	ASTM D 2783	568 4136

## Health, Safety & Environment

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