

## Gazpromneft GL-5 80W-90

Automotive gear oil



Mechanical transmissions



Drive axles



High EP properties



Mineral

**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, 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 and 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, 08, 16C, 16D

#### Approvals:

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

## Typical Characteristics

Properties	Method	Gazpromneft GL-5 80W-90
SAE Viscosity Grade	SAE J306	80W-90
Kinematic Viscosity @100°C, mm <sup>2</sup> /s	ASTM D445	14,3
Brookfield @-40°C, mPa·s	ASTM D2983	140000
Flash Point (COC), °C	ASTM D92	220
Pour Point, °C	ASTM D97	-32
Density @15°C, kg/m <sup>3</sup>	ASTM D4052	901
Tribological characteristics, Four-Ball Method: Load-wear index, N Weld point, N	ASTM D2783	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



Mechanical transmissions



Drive axles



High EP properties



Mineral

**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 and 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:

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

#### Approvals:

- ZF TE-ML 16C, 17B, 19B, 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 D445	17,3
Brookfield @-12°C, mPa·s	ASTM D2983	23 000
Flash Point (COC), °C	ASTM D92	218
Pour Point, °C	ASTM D97	-25
Density @15°C, kg/m <sup>3</sup>	ASTM D4052	902
Tribological characteristics, Four-Ball Method: Load-wear index, N Weld point, N	ASTM D2783	568 4136

## 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.