

Gazpromneft GL-5 75W-90, 80W-90, 90; Gazpromneft Super T-3, SAE 85W-90



Drive axles



High EP properties



Low-temperature properties (75W-90)



Semi-synthetic oils (75W-90, 80W-90)



Mineral Oils (85W-90, 90)

Transmission oils Gazpromneft GL-5 75W-90, 80W-90 (semi-synthetic), 90, Gazpromneft Super T-3, SAE 85W-90 (mineral) are designed for use in transmission units, subjected to high loads (main gear, drive axles), where API GL-5 performance level is required. Oils effectively protect parts of hypoid gears from scuff and wear. Gazpromneft GL-5 90 oil is specially developed for regions with hot climate. Gazpromneft GL-5 75W-90 oil has improved low-temperature properties and extended service life compared to mineral-based oils.

Characteristics/Advantages/Potential Benefits

- High EP properties → continuous lubrication of gear teeth under various loads on the gearbox → maintaining of service life of transmission units
- Oil resistance to mechanical destruction → maintaining of optimal viscosity value throughout entire oil drain interval → vibration and noise reduction during operation
- Corrosion protection → formation of protective layers on the metals surface → mileage increase between repairs
- Excellent low-temperature properties → Gazpromneft GL-5 75W-90 provides transmission performance at low air ambient temperature → reduces equipment downtime
- Significant stability against oxidation → less acids formation, that negative impact on the sealing materials → maintenance costs reduction
- Resistance to thermal degradation → minimization of deposits, that impair heat dissipation during transmission operation → axles do not overheat

Applications



- Passenger cars, highway vehicles (on-road trucks, buses etc.), off-road machineries (mining, agriculture etc.) of European, American and Asian manufacturers.
- Drive axles of commercial highway vehicles, including MAN, MB, Scania.
- Drive axles of off-road machineries.
- Final drives, transfer cases, power take-off boxes.
- Non-synchronized mechanical transmissions or with steel synchronizers.

Specifications	Gazpromneft GL-5 75W-90	Gazpromneft GL-5 80W-90	Gazpromneft GL-5 90	Gazpromneft Super T 3
API GL-5	✓	✓	✓	✓
ZF TE-ML 07A, 08		✓	✓	
ZF TE-ML 05A, 12E, 16B		✓		
ZF TE-ML 17B, 19B, 21A		✓		✓
ZF TE-ML 16C				✓
MAN 342 Type M1				✓
MAN 342 Type M2		✓		
MB 235.0				✓
MIL-L-2105D	✓	✓		
LLC Auto plant "GAZ"				✓
PCS "AVTOVAZ"	✓	✓		✓

Typical physical and chemical characteristics

Properties	Method	Gazpromneft GL-5 75W-90	Gazpromneft GL-5 80W-90	Gazpromneft GL-5 90	Gazpromneft Super T 3
Kinematic Viscosity @100°C, mm²/s	ASTM D445	15,1	14,6	17,0	17,0
Brookfield Viscosity:					
@-40°C, mPa·s	ASTM D2983	120 000	-	-	-
@-26°C, mPa·s		-	118 000	-	-
@-12°C, mPa·s		-	-	-	14 000
Flash Point (COC), °C	ASTM D92	220	230	234	230
Pour Point, °C	GOST 20287	-43	-32	-17	-26
Density @20°C, kg/m³	ASTM D4052	851	882	895	896

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

ISO 9001



ISO 14001



ISO 45001

