

Gazpromneft GL-4 75W-85, 75W-90, 80W-85, 80W-90, 90, 140



Mechanical transmissions



EP properties



Low-Temperature properties
(75W-85, 75W-90)



Semi-Synthetic oils (75W-85,
75W-90, 80W-85, 80W-90)



Mineral oils (90, 140)

Transmission oils Gazpromneft GL-4 75W-85, 75W-90, 80W-85, 80W-90 (semi-synthetic) and 90, 140 (mineral) are developed for use in mechanical gearboxes of passenger cars, trucks and off-road vehicles. Oils provide high protection of the working surfaces of gears and synchronizers from mechanical destruction and wear in wide range of loads and speeds. Gazpromneft GL-4 90, 140 oils are specially designed for regions with hot climate. Gazpromneft GL-4 75W-85, 75W-90 oils have improved low-temperatures properties and extended service life compared to mineral-based oils.

Characteristics/Advantages/Potential benefits

- Excellent anti-wear properties → protection of synchronizers, gears with toothed engagement from abrasion and wear → maintaining of mechanical transmission service life
- Viscosity stability → maintaining the required load-bearing capacity of the oil throughout entire drain interval, provides reliable lubrication → stable operation of mechanical transmission
- Significant resistance against oxidation → minimization of deposits formation on the gear teeth and synchronizers → smooth gears shifting
- Excellent low-temperatures properties → Gazpromneft GL-4 75W-85 and 75W-90 provide transmission performance at the low air ambient temperatures → reduction of vehicle downtime
- High corrosion properties → preventing of corrosion activity, caused by acids towards synchronizers → increasing of mileage between repairs
- Low foam formation tendency → excellent lubrication → reliable operation of equipment

Applications



- Passenger cars, on-road vehicles (highway trucks, buses etc.), off-road machineries (mining, agriculture etc.) of European, American and Asian manufacturers.
- Mechanical transmissions of passenger cars, including PCS "Avtovaz".
- Mechanical transmissions and transfer cases of commercial vehicles, where API GL-4 level of performance is required.
- Not applicable in the axles with hypoid gear.

Specifications	75W-85	75W-90	80W-85	80W-90	90	140
API GL-4	✓	✓	✓	✓	✓	✓
ZF TE-ML 08			✓	✓		
ZF TE-ML 16A				✓		
ZF TE-ML 17A			✓	✓		
ZF TE-ML 19A				✓		
PCS "AVTOVAZ"	✓		✓	✓		
BAIC	✓					

Typical physical and chemical characteristics

Parameters	Method	75W-85	75W-90	80W-85	80W-90	90	140
Kinematic Viscosity @100°C, mm²/s	ASTM D445	12,4	15,4	12,9	14,8	17,3	25,9
Brookfield Viscosity: @-26°C, mPa·s @-40°C, mPa·s	ASTM D2983	- 120 000	- 128 000	69 782 -	90 895 -	- -	- -
Flash Point (COC), °C	ASTM D92	234	232	258	244	246	259
Pour Point, °C	GOST 20287	-42	-44	-31	-33	-15	-14

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

ISO 9001



ISO 14001



ISO 45001

