

Gazpromneft GL-5 90 and 140

Monograde Automotive Gear Oils



Mechanical transmissions



High EP properties



Mineral

Gazpromneft GL-5 oils are high performance, multipurpose, extreme pressure gear lubricants for final drives and heavy gear applications where API GL-5 performance is required. They are blended from highly refined mineral base oils and combined with extreme pressure additives plus rust, oxidation, and foam inhibitors to extend the life of gear components. Gazpromneft GL-5 oils prolong gear set's life and increasing its efficiency.

Applications



- Heavy duty axles and final drives requiring API GL-5 level performance
- Passenger cars, on-highway light and heavy duty trucks and commercial vehicles
- Off-highway industries including: construction, mining, quarrying, and agriculture
- Other heavy duty industrial and automotive applications involving hypoid gears operating under conditions where extreme pressures and shock loading are expected

Features	Advantages and Potential Benefits
Good thermal and oxidation stability	Reduced deposits and sludge build-up for extended gear and bearing life
Excellent extreme-pressure properties	Increased load-carrying capability for protection against scuffing, spalling, pitting, scoring and wear under the toughest conditions
Good rust and corrosion protection	Effective prevention of corrosion caused by water and acid produced through deterioration process
Low foaming	Prevention of foaming for smoother lubrication
Compatible with all common seal materials	Excellent leakages control

Recommendations

- API GL-5
- ZF TE-ML 07A, 08 (SAE 90)

Typical Characteristics

Properties	Method	Gazpromneft GL-5 90	Gazpromneft GL-5 140
SAE Viscosity Grade	SAE J306	90	140
Kinematic Viscosity @100°C, mm ² /s	ASTM D445	17,0	25,8
Flash Point (COC), °C	ASTM D92	234	258
Pour Point, °C	ASTM D97	-17	-13
Density @15°C, kg/m ³	ASTM D4052	899	906
Tribological characteristics, Four-Ball Method			
Load-wear index, N	ASTM D2783	572	670
Weld point, N		4250	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.