

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

Heavy Duty Automotive Gear Oils



Mechanical transmissions



Good EP properties



Good low temperature performance



Semisynthetic 75W-90



Mineral

Gazpromneft GL-4 oils are high performance, heavy duty gear oils formulated from high quality base oils and an advanced additive system. These lubricants are engineered for automotive heavy-duty transmissions, axles, and final drives where protection against wear and scoring is required. Recommended for use in applications where API GL-4 performance is required.

Applications



- Heavy duty manual transmissions, axles and final drives requiring API GL-4 level performance
- Passenger cars, on highway light and heavy duty trucks, and commercial vehicles
- Off highway industries including: construction, mining, quarrying, and agriculture
- Not applicable for hypoid drive axles

| Features | Advantages and Potential Benefits |
|---|--|
| Excellent anti-wear properties | Reduces wear, preventing failures to extend equipment life and reduces maintenance costs |
| Reliable share stability | Ensure consistent viscosity throughout fluid service life |
| Good thermal stability and resistance to high temperature oxidation | Extended gear and bearing life due to minimal deposits |
| Good low temperature lubrication | Reduced wear at start-up and ease of start-up |
| Excellent rust and corrosion protection | Preventing corrosion for increased equipment protection and equipment life |
| Foam control | Smooth and lasting performance in severe service operating conditions |

Gazpromneft GL-4 80W-85 and 80W-90

| Approvals | Meet the requirements | Recommendations |
|---|---|--|
| <ul style="list-style-type: none"> • AVTOVAZ | <ul style="list-style-type: none"> • ZF TE-ML 08 | <ul style="list-style-type: none"> • API GL-4 |

Gazpromneft GL-4 75W-90

| Recommendations |
|--|
| <ul style="list-style-type: none"> • API GL-4 |

Gazpromneft GL-4 75W-85

| Recommendations |
|---|
| <ul style="list-style-type: none"> • API GL-4 • AVTOVAZ • BAIC |

Typical Characteristics

| Properties | Method | Gazpromneft GL-4 | | | |
|--|------------|------------------|---------|---------|---------|
| | | 75W-85 | 75W-90 | 80W-85 | 80W-90 |
| SAE Viscosity Grade | SAE J306 | | 75W-90 | 80W-85 | 80W-90 |
| Kinematic Viscosity @100°C, mm ² /s | ASTM D445 | 12,8 | 15,4 | 12,5 | 14,5 |
| Brookfield @ -26°C, mPa·s | ASTM D2983 | | - | 147 000 | 147 000 |
| Brookfield @ -40°C, mPa·s | ASTM D2983 | 90 000 | 145 000 | - | - |
| Flash Point (COC), °C | ASTM D92 | 216 | 218 | 224 | 232 |
| Pour Point, °C | ASTM D97 | -42 | -42 | -30 | -30 |
| Density @15°C, kg/m ³ | ASTM D4052 | 863 | 859 | 894 | 897 |
| Tribological characteristics, Four-Ball Method | | | | | |
| Load-wear index, N | ASTM D2783 | 623 | 575 | 560 | 575 |
| Weld point, N | | 5204 | 3920 | 3479 | 3920 |

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.