

## Gazpromneft Diesel Premium 5W-40 and 10W-30

Heavy Duty Diesel Engine Oils



Turbocharged engines



Euro 4, Euro 5



Exhaust Gas Recirculation



Selective catalyst reduction



Semisynthetic

**Gazpromneft Diesel Premium** oils are high performance heavy duty diesel engine oils engineered to provide enhanced protection under the full range of pressures and temperatures found in modern engines. Formulated with thoroughly selected high purity base oils and advanced additive package they provide exceptional protection against wear and deposits formation. They are suitable for many heavy-duty diesel engines, non-turbocharged and turbocharged, in on- and off-highway application.

### Applications



- Wide range of turbocharged and non-turbocharged diesel engines requiring API CI-4 performances. Suitable for engines with exhaust after-treatment devices (EGR, SCR). Not applicable for engines fitted with diesel particulate filters (DPF)
- Heavy duty diesel in both on-highway and off-highway applications. Gazpromneft Diesel Premium 5W-40 suitable for use at extreme low operation temperatures
- Applicable for mixed fleets with gasoline engines and cars

Features	Advantages and Potential Benefits
TBN reserve and retention	High acid neutralizing capacity provides superior corrosion protection throughout the oil drain period in areas where sulfur fuel is high
Improved oxidation resistance	Performance stability during whole drain interval
Highly stable viscosity modifiers	Resistance to breakdown under different operation conditions to extend engine life
High detergent properties	Control of high temperature deposits formation to reduce maintenance costs
Protection against wear	Excellent performance in both low and high temperature service

Approvals	Meet the requirements	Recommendations
<ul style="list-style-type: none"> <li>• KAMAZ (5W-40)</li> <li>• YaMZ</li> <li>• TMZ</li> </ul>	<ul style="list-style-type: none"> <li>• ACEA E7</li> </ul>	<ul style="list-style-type: none"> <li>• API CI-4/SL</li> <li>• Caterpillar ECF-1a/ECF-2</li> <li>• Cummins CES 20076/77/78</li> <li>• Deutz DQC III</li> <li>• Global DHD-1</li> <li>• MACK EO-M Plus/EO-N</li> <li>• MAN M 3275-1</li> <li>• MTU Cat. 2</li> <li>• Renault Trucks RLD/RLD-2</li> <li>• Volvo VDS-3</li> </ul>

## Typical Characteristics

Properties	Method	Gazpromneft Diesel Premium 5W-40	Gazpromneft Diesel Premium 10W-30
SAE Viscosity Grade	SAE J300	5W-40	10W-30
Kinematic Viscosity @40°C, mm <sup>2</sup> /s	ASTM D445	87,9	73,2
Kinematic Viscosity @100°C, mm <sup>2</sup> /s	ASTM D445	14,5	11,5
Viscosity Index	ASTM D2270	172	150
Flash Point (COC), °C	ASTM D92	230	232
Pour Point, °C	ASTM D97	-43	-40
Total Base Number, mg KOH/g	ISO 6619	10,0	10,0
Density @15°C, kg/m <sup>3</sup>	ASTM D4052	863	883
Sulfated Ash, wt%	ASTM D874	1,4	1,4

## 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.