



## Gazpromneft Diesel Premium

Heavy Duty Diesel Engine Oils



Turbocharged engine



Up to Euro 4



Exhaust Gas Recirculation



Selective catalyst reduction



Semisynthetic  
5W-40, 10W-30,  
10W-40



Mineral base oil  
15W-40

**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 and meeting up to Euro 4 emission standard. Suitable for engines with exhaust after-treatment devices (EGR, SCR). Not applicable for engines fitted with diesel particulate filters (DPF)
- Heavy duty diesel engines from European, US and Japanese manufacturers 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 & 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 & Specifications

Specifications	Gazpromneft Diesel Premium 5W-40	Gazpromneft Diesel Premium 10W-30	Gazpromneft Diesel Premium 10W-40	Gazpromneft Diesel Premium 15W-40
API CI-4/SL, ACEA E7	✓	✓	✓	✓
MB 228.3 (approved)			✓	
Deutz DQC III	✓	✓	✓	✓
Volvo VDS-3	✓	✓	✓	✓
Renault Trucks RLD/RLD-2	✓	✓	✓	✓
Mack EO-N/EO-M Plus	✓	✓	✓	✓
MTU Cat.2	✓	✓	✓	✓
MAN M 3275-1	✓	✓	✓	✓
Cummins CES 20076/77/78	✓	✓	✓	✓
Caterpillar ECF-1a/ECF-2	✓	✓	✓	✓
Global DHD-1	✓	✓	✓	✓
KAMAZ (approved)	✓	✓	✓	✓
YaMZ (approved)	✓	✓	✓	✓

## Typical properties

Properties	Method	Gazpromneft Diesel Premium 5W-40	Gazpromneft Diesel Premium 10W-30	Gazpromneft Diesel Premium 10W-40	Gazpromneft Diesel Premium 15W-40
SAE Viscosity Grade	SAE J300	5W-40	10W-30	10W-40	15W-40
Kinematic Viscosity @40°C, mm <sup>2</sup> /s	ASTM D 445	88,1	75,3	100,8	115,1
Kinematic Viscosity @100°C, mm <sup>2</sup> /s	ASTM D 445	14,5	11,5	14,8	14,8
Viscosity Index	ASTM D 2270	172	146	153	133
Flash Point (COC), °C	ASTM D 92	230	227	230	228
Pour Point, °C	ASTM D 97	-44	-39	-36	-34
Total Base Number, mg KOH/g	ASTM D 2896	10,0	10,0	10,0	10,0
Sulphated Ash, wt%	ASTM D 874	1,4	1,4	1,4	1,4
Density @20°C, kg/m <sup>3</sup>	ASTM D 4052	859	879	873	884

## 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.