

Gazpromneft Diesel Premium 5W-40, 10W-30, 10W-40, 15W-40



Turbocharged engine



Euro-4, Euro-5



Exhaust Gas Recirculation



Selective Catalytic Reduction



Semisynthetic (10W-40, 10W-30, 15W-40)



Synthetic oils (5W-40)

All-season universal synthetic (5W-40) and semisynthetic (10W-40, 10W-30, 15W-40) engine oils Gazpromneft Diesel Premium are designed for mixed fleet of vehicles. Belong to the category of SHPD (Super High Performance Diesel) oils, designed for modern powerful and high-powered turbocharged (and non-turbocharged) diesel engines of European, American and Asian manufacturers. Developed for engines Euro-4 emission standard and some engines Euro-5 emission standard, where API CI-4, ACEA E7 performance level is required. Replace oils API CH-4, CG-4 and CF-4 groups.

Characteristics/Advantages/Potential benefits

- High capacity of neutralizing properties → possibility to extend oil drain interval → lubricants cost reduction
- Enhanced oxidation stability → retaining of oil operating parameters throughout the entire drain interval → allows to reduce maintenance costs
- Excellent viscosity-temperature properties → maintaining of strong oil film on the engine parts at the various operating temperatures → retaining engine service life
- High detergent properties → piston rings protection from sticking → equipment downtime cost reduction
- Reliable wear protection → effective lubrication in most heavy-loaded units of the engine → retaining of engine service life
- Synthetic base provides use of Gazpromneft Diesel Premium 5W-40 in conditions of Siberia and Far North

Applications



- For on-road (highway trucks, buses etc.) and off-road machinery (agriculture, mining etc.) of European, American, Asian manufacturers, including KAMAZ and MAZ.
- Designed for high-powered turbocharged diesel engines Euro-5 emission standard, where API CI-4 or ACEA E7 (or lower) performance level is required.
- Compatible with SCR and EGR exhaust after-treatment systems (in accordance with ACEA E7 requirements).
- Gasoline engines, where API SL performance level is required.

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	✓	✓	✓	✓
Cummins CES 20076	✓	✓	✓	
Cummins CES 20077		✓	✓	
Cummins CES 20078	✓	✓	✓	✓
Deutz DQC III-18	✓	✓	✓	✓
Volvo VDS-3	✓	✓	✓	✓
Renault Trucks RLD	✓			
Renault Trucks RLD-2	✓	✓	✓	✓
MTU Cat.2	✓	✓	✓	✓
MAN M 3275-1	✓	✓	✓	✓
Mack EO-M Plus	✓	✓	✓	✓
Mack EO-N	✓	✓	✓	✓
Caterpillar ECF-1a	✓		✓	
Caterpillar ECF-2	✓	✓	✓	✓
Global DHD-1	✓	✓	✓	✓
JASO DH-1	✓	✓	✓	✓
MB 228.3	✓		✓	✓
Detroit Diesel DDC 93K215			✓	
PJSC «KAMAZ»	✓	✓	✓	✓
PJSC «Autodiesel»	✓	✓	✓	✓
PJSC "TMZ"	✓	✓	✓	

Typical physical and chemical characteristics

Parameters	Method	Gazpromneft Diesel Premium 5W-40	Gazpromneft Diesel Premium 10W-30	Gazpromneft Diesel Premium 10W-40	Gazpromneft Diesel Premium 15W-40
Kinematic Viscosity @100°C, mm ² /s	ASTM D 445	15,4	11,5	14,8	15,3
Viscosity Index	ASTM D 2270	177	147	154	140
Flash Point (COC), °C	ASTM D 92	224	226	228	234
Pour Point, °C	GOST 20287	-42	-40	-37	-35
Total Base Number, mg KOH/g	GOST 30050	11	11	11	11
Sulfated Ash, wt%	ASTM D 874	1,3	1,3	1,3	1,3
Density @20°C, kg/m ³	ASTM D 4052	0,850	0,860	0,863	0,872

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

ISO 9001



ISO 14001



ISO 45001

