



Gazpromneft Turbo Universal 15W-40, 20W-50 ***Multigrade engine oils***

DESCRIPTION

Motor oils are produced from high quality base stocks and thoroughly selected additives. Due to the use of improved base oils the motor oils possess the following features: reduced oil consumption through burning and improved anticorrosion properties. Use of high quality balanced set of additives provides the engine protection against wear and corrosion running even when fuel with sulphur content is used.

Developed specially for multigrade use instead of monograde engine oil M-8DM, M-10DM, M-10G2k, M-10G2, M-8G2k, M-8G2; has better viscosity and temperature properties, washing and dispersing properties, anti-wear properties. It enables to reduce the amount of lubricants used in off-road and construction machinery.

BENEFITS

- stable viscosity-temperature parameters of this oil ensure reliable protection for the engine running in severe operating conditions
- enhanced energy-saving properties (reduces fuel consumption) compared to M-8DM and M-10DM monograde engine oils
- formation of stable and hard oil film on the engine parts prevents wear out in a wide range of temperatures and extends the engine service life.
- provides maximum engine protection from corrosion due to the use of improved base oils (with reduced vaporability and reduced sulphur content)

APPLICATION

- high-powered diesel engines (turbocharged or not) working in severe operating conditions and for engines using fuel that requires the use of oils with a high acid-neutralizing capacity, anticorrosion and anti-wear properties, low tendency to form all types of deposits.

SPECIFICATIONS AND APPROVALS

Gazpromneft Turbo Universal 15W-40, 20W-50 oils comply with the following specifications requirements:

- API CD
- JSC Avtodizel (YaMZ)



TYPICAL PROPERTIES

<i>TYPICAL CHARACTERISTICS</i>	<i>Gazpromneft Turbo Universal 15W-40</i>	<i>Gazpromneft Turbo Universal 20W-50</i>
Kinematic viscosity at 100 °C, mm ² /s	14.5	19.0
Flash point, COC, °C	230	240
Pour point, °C	-34	-24
Base Number, mg KOH/g	9.0	9.0
Sulphated ash, %	1.2	1.2
Density, at 20 °C, g/cm ³	0.883	0.890

HEALTH AND SAFETY

When used properly and following the intended application, under compliance with applicable industrial and personal health regulations Gazpromneft Turbo Universal 15W-40, 20W-50 oil is not a hazard for human health and for environmental safety. Avoid oil contact with skin. When changing oil use protective gloves. In case of oil contact with skin, immediately rinse it with water and soap. See the detailed data on this issue in the product safety data sheet.

ENVIRONMENTAL PROTECTION

Scavenge oil and residual products should be collected in a sealed container and handed over to the scavenge oil collection stations. Do not drain scavenge oil to the sewage facilities, ground or impoundments.