

GAZPROMNEFT-LUBRICANTS — SOLUTIONS FOR YOUR BUSINESS



LUBRICANTS

www.gazpromneft-sm.ru

Company profile

Gazpromneft-Lubricants is a subsidiary of Gazprom Neft focusing on the production and marketing of oils, greases and technical fluids. The company was established in November 2007.

The ambitious 2025 business development strategy has launched major investment projects related to technological modernization, expanded the geography and created the effective worldwide distribution network.



● PRODUCTION SITES

● SALES OFFICES

We supply a broad range of lubricants developed for business-to-business community, including manufacturing, mining, oil and exploration, and energy industries. Our business customers are market leading companies – Severstal, Sibur, Gazprom, Evraz, MMK, TMK, NLMK, Rusal, Alrosa, RZD, MECHTEL, Metalloinvest, SUEK, ILIM and many others.

Total production
volume over
700,000 tones

700

22% MARKET
SHARE
IN RUSSIA

OMSK (OMSK LUBRICANT PLANT)

One of the most advanced and modern
plants in Russia

Production capacity – 300 Kt per year
Grease production – 11 Kt per year

The management system of Gazpromneft-Lubricants
and its production assets meet the requirements
of the international standards

ISO 9001, ISO 14001, ISO 50001
OHSAS 18001, ISO/TS 16949



ALMATY

DELIVERS TO **78** COUNTRIES

6 PRODUCTION
SITES

7 SALES
OFFICES

Products

Gazpromneft-Lubricants offers products for



Automotive lubrication (cars, motorcycles, commercial vehicles, including heavy duty consumer trucks, mining and agriculture vehicles)



Industrial application



Marine engineering

G-ENERGY

GAZPROMNEFT



G-Energy, G-Profi, G-Special, G-Box and G-Truck premium product lines deliver exceptional performance and exceed original equipment manufacturer requirements.



Gazpromneft product line includes lubricating oils, greases and technical fluids for automotive, commercial and industrial applications.

>700 OUR PRODUCT RANGE INCLUDE OVER 700 SKU

>400 LEADING OEM APPROVALS



Rexroth
Bosch Group



We are providing technical services and solutions to help to optimize your operation



G-Energy Academy
Trainings and webinars
Technical Help Desk



Oil Expert Service (OES)
Technical application expertise



Oil Testing Service, Monitoring
Lubricant Analysis

Special projects

G-Profi Service maintenance stations provide onsite services according to high quality standards with Gazpromneft-Lubricants products.

GAZPROMNEFT-LUBRICANTS TESTS ITS OILS IN EXTREME CHALLENGING CONDITIONS OF RALLY MARATHONS



Gazpromneft-Lubricants is an official partner of G-Energy Team and MAZ-SPORTavto in Dakar, Africa Eco Race and Silk Way rally marathons.

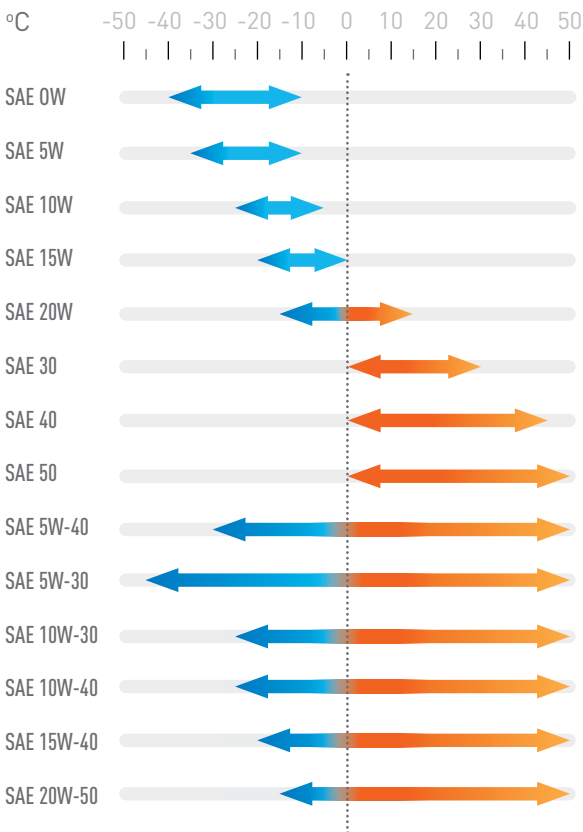


MAZ-SPORTauto team supported by G-Energy engine oils is the silver winner of The Dakar 2018.

ENGINE OILS

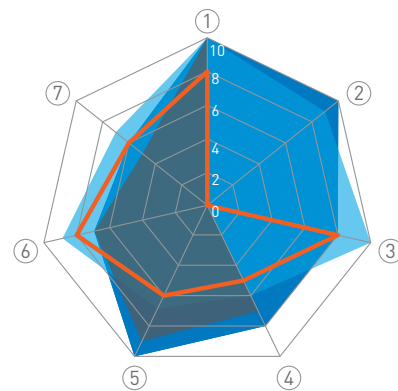


General reference for viscosity selection based on ambient temperatures

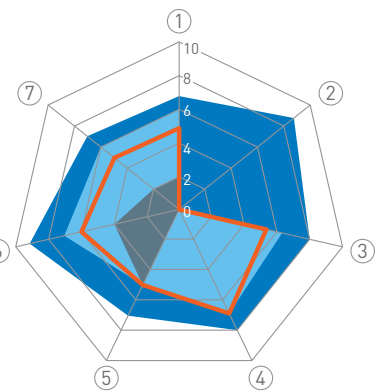


Relative performance comparison

ACEA



API



- | | |
|-------------------------------------|-------------------------------------|
| ① Bore polishing protection | ⑤ High temperature deposits control |
| ② Particulate filters compatibility | ⑥ Soot control |
| ③ Corrosion protection | ⑦ Wear protection |
| ④ Oil thickening due to oxidation | |



G-Profi heavy-duty synthetic and conventional diesel engine oils formulated to help extend engine life in some of the most severe on- and off-highway applications while delivering excellent performance.

G-Profi engine oils

Product	Compatibility			API	ACEA
	EGR+ SCR	DPF+ DOC	CNG/LPG fuel		
G-Profi GT LA 10W-40	✓	✓	✓	CI-4	E6/E7/E9
G-Profi MSJ 5W-30	✓	✓	✓	CJ-4/SN	E6/E7/E9
G-Profi MSJ 10W-30, 15W-40	✓	✓	✓	CJ-4/SN	E9
G-Profi GT 10W-40	✓			CI-4	E4/E7
G-Profi GTS 5W-30, 10W-40	✓				E4/E7
G-Profi MSI Plus 15W-40	✓			CI-4/SL	E7
G-Profi MSI 5W-40, 10W-40	✓			CI-4/SL	E7
G-Profi MSH 10W-40, 15W-40				CH-4/SL	E7
G-Profi MSF 10W-40, 15W-40, 10W, 30				CF/SG	
G-Profi MSF 40, 50				CF-4	
G-Profi CNG LA 10W-40, 15W-40			✓	CF-4	
G-Profi CNG 15W-40			✓	CG-4/SJ	



Gazpromneft heavy-duty diesel engines oils for excellent reliability. Gazpromneft proven performance will help protect vital engine parts in on-and off-highway applications.

Gazpromneft engine oils

Product	API	ACEA
Gazpromneft Diesel Premium 5W-40, 10W-30, 10W-40, 15W-40	C-4/SL	E7
Gazpromneft Diesel Ultra 5W-30, 10W-40	CI-4	E4
Gazpromneft Diesel Prioritet 10W-30, 10W-40, 15W-40, 20W-50	CH-4/SJ	
Gazpromneft Diesel Extra 10W-40, 15W-40, 20W-50	CF-4/SG	
Gazpromneft Diesel Extra 40, 50	CF-4	
Gazpromneft Turbo Universal 15W-40, 20W-50	CD	
Gazpromneft HD 40, 50, 60	CC	

STATIONARY GAS ENGINE OILS



Stationary gas engine oils



G-Profi high performance engine oils engineered for high-speed four-cycle stationary gas engines suitable for new engines designed to meet last emission standards. Improved formulation ensures engine cleanliness and longer oil life.

Product	SAE VG	API	Specifications Full details can be obtained from your representative
G-Profi PSN 40	40	CD	Caterpillar Energy Solutions TR 0199-99-12105, Jenbacher TA 1000-1109, MWM TR 0199-99-02105, Wartsila, Waukesha
G-Profi SGE 40 NAB	40		Jenbacher TA 1000-1109, Caterpillar, Cummins, Dresser-Rand, Guascor, MAN, MTU, MWM, Niigata, Wartsila, Waukesha

AXLE, GEAR AND TRANSMISSION OILS



Gazpromneft-Lubricants range of axle, gear and automatic transmission fluids has been developed to enable to select the oil that will deliver optimum value to their operations through enhanced wear protection, long oil life and efficiency.

Automatic transmissions

Product	Specifications
	Full details can be obtained from your representative; approvals and specs will vary by viscosity grade
G-Box ATF DX VI	Meets requirements of Dexron® IV; JASO M315-2013 1A-LV; Aisin Warner AW-1; Toyota WS; Mitsubishi Diaqueen SP-IV; Hyundai/Kia SP-IV; Nissan Matic-S
G-Box ATF DX III	Meets requirements of Ford Mercon®; Dexron® III G; MB 236.7; MAN 339 Type V1/Z2, Type L1, Type Z11, Type V1; Voith 55.6336; Volvo 97341; ZF TE-ML 04D, 05L, 09, 14B, 16L, 16R, 17C, 20B
G-Box ATF Far East	Meets requirements of Ford Mercon®; Dexron® III H; JASO M315-1A; Toyota T-IV; Nissan Matic-J; Hyundai/Kia SP-III
G-Box ATF DX II	Meets requirements of Ford Mercon®; Dexron® II D; MB 236.1; MAN 339 Type V1/Z1, Type L2; Voith 55.6335; ZF TE-ML 02F, 03D, 04D, 09, 11, 14A, 17C
G-Box CVT	Meets the requirements of the most modern continuously variable transmissions. Not recommended for Hybrid CVT units

Manual transmissions and transaxles

API	Typical application	Products
MT-1	Non-synchronized manual transmissions used in buses and heavy-duty trucks	G-Box GL-4/GL-5 75W-90 G-Truck GL-4/GL-5 80W-90
GL-5	Gears, particularly hypoid gears, in axles operating under various combinations of high-speed/shock load and low-speed/high-torque conditions	G-Box GL-5 75W-90 G-Box Expert GL-5 75W-90, 80W-90 G-Truck GL-5 80W-90, 85W-90, 75W-140, 85W-140
GL-5 LS	Heavy duty limited-slip differentials, axles and final drives	G-Truck LS 80W-90, 85W-90, 85W-140
GL-4	Manual transmission and transaxle with spiral bevel gears operating under moderate to severe conditions of speed and load or axles with hypoid gears operating under moderate speeds and loads	G-Box GL-4 75W-90 G-Box Expert GL-4 75W-90, 85W-90 G-Truck GL-4 80W-90 G-Truck Z 75W-80

MANUAL TRANSMISSIONS AND TRANSAXLES



Automatic transmissions

Product	Specifications
Gazpromneft ATF DX III	Meets requirements of Ford Mercon®; Dexron® IIIIG; MB 236.7; MAN 339 Type V1/Z1; Voith 55.6335; Volvo 97341; ZF TE-ML 02F, 03D, 04D, 05L, 09,11B, 14A, 17C, 21L
Gazpromneft ATF DX II	Meets requirements of Dexron®IID

Manual transmissions and transaxles

API	Typical application	Products
MT-1	Non-synchronized manual transmissions used in buses and heavy-duty trucks	Gazpromneft GL-4/GL-5 75W-90
GL-5	Gears, particularly hypoid gears, in axles operating under various combinations of high-speed/shock load and low-speed/high-torque conditions	Gazpromneft GL-5 75W-90, 80W-90, 85W-140 Gazpromneft Super T-3, SAE 85W-90 Gazpromneft GL-5 90 and 140
GL-4	Manual transmission and transaxle with spiral bevel gears operating under moderate to severe conditions of speed and load or axles with hypoid gears operating under moderate speeds and loads	Gazpromneft GL-4 75W-90, 80W-85, 80W-90 Gazpromneft GL-4 90 and 140
GL-1	Manual transmissions operating under such mild conditions that oil without friction modifiers and extreme pressure additives can be used	Gazpromneft GL-1 90 and 140

OFF-HIGHWAY MULTIPURPOSE LUBRICANTS



G-SPECIAL

G-Special range of high performance multipurpose lubricants designed to deliver high level of performance, productivity and efficiency to off-highway industries equipment, including: mining, construction, quarrying and agriculture.

Off-highway multipurpose lubricants

Product	Tech-nology	Applications Full details can be obtained from your representative; approvals and specs will vary by viscosity grade
G-Special UTTO Premium 10W-30		Transmissions, differentials, final drives, hydraulic systems, power steering systems, wet brakes, PTOs and hydrostatic drives
G-Special UTTO 10W-30		Transmissions, differentials, final drives, hydraulic systems, power steering systems, wet brakes, PTOs and hydrostatic drives
G-Special STOU 10W-30		Diesel and gasoline engines, transmissions, differentials hydraulics, final drives and wet brakes
G-Special STOU 10W-40		Diesel and gasoline engines, transmissions, differentials hydraulics, final drives and wet brakes
G-Special TO-4 10W, 30, 50		Transmissions, gear boxes, final drives and hydraulic systems Meets Caterpillar TO-4 specification
G-Special TO-4 Arctic 0W-20		Transmissions, gear boxes, final drives and hydraulic systems Meets Caterpillar TO-4 specification

Synthetic

Semisynthetic

Mineral

HYDRAULIC OILS



Hydraulic Oils Industry Classification

DIN 51524	ISO 11158	Composition	Typical application
H	HH	Mineral oil without additives	Basic circulation oils. No longer used in practice
HL	HL	Type H + oxidation and corrosion inhibitors	Systems do not pose requirements for wear protection
HLP	HM	Type HL + anti-wear additives	Most fields of application and components
HVLP	HV	Type HLP + viscosity modifiers	Systems operated over a wide temperature range
HLPD/ HVLPD		HLP/HVLP + detergents and/or dispersants	Systems operated where contaminants, deposits and water contamination is possible

G-SPECIAL

G-Special range of high performance hydraulic oils designed to meet the requirements of modern high pressure mobile equipment hydraulic systems. G-Special hydraulic oils provide outstanding system efficiency, keep clean performance and fluid durability.

G-Special Hydraulic Oils

Product	Technology	ISO VG	Specifications
G-Special Power HVLP	Synthetic Zinc-based	32, 46	Full details can be obtained from your representative; approvals and specs will vary by viscosity grade Bosch Rexroth, Denison, Eaton Industry standards: DIN 51524-3
G-Special Hydraulic HVLP	Mineral Zinc-based	22, 32, 46	Bosch Rexroth, Denison, Eaton, Fives Group and other OEM Industry standards: DIN 51524-3
G-Special Hydraulic HVLPD	Mineral ashless	46	DIN 51524-3
G-Special Hydraulic Nord	Synthetic (PAO) Zinc-based	32	DIN 51524-3



Gazpromneft range of hydraulic oils covers a wide range of equipment requirements and customer needs and offers improved wear protection, long oil life and high system efficiency. Keep your equipment running best by choosing the lubricant recommended for specific operating conditions.

Gazpromneft Hydraulic Oils

Product	Technology	ISO VG	Specifications
Gazpromneft Hydraulic HLP	Mineral Zinc-based	32, 46, 68, 100	Full details can be obtained from your representative; approvals and specs will vary by viscosity grade Bosch Rexroth (RDE 90245), Denison, Eaton, Fives Group and other OEM Industry standards: ISO 11158, DIN 51524-2
Gazpromneft Hydraulic HVLP	Mineral Zinc-based	10, 15, 22, 32, 46, 68	Bosch Rexroth (RDE 90245), Denison, Eaton, Fives Group and other OEM Industry standards: ISO 11158, DIN 51524-3
Gazpromneft Hydraulic HLPD	Mineral ashless	32, 46, 68	Industry standards: DIN 51524-2
Gazpromneft Hydraulic HZF	Mineral Zinc-free	32, 46, 68	Denison, Eaton, Fives Group, Bosch Rexroth and other OEM Industry standards: DIN 51524-2
Gazpromneft Hydraulic HVZF	Mineral Zinc-free	22, 32, 46, 68	Bosch Rexroth, Denison, Eaton, Fives Group and other OEM Industry standards: DIN 51524-3
Gazpromneft Hydraulic	Mineral Zinc-based	32, 46, 68	Industry standards: DIN 51524-2
Gazpromneft Industrial	Mineral Zinc-based	46, 68	Industry standards: DIN 51524-2

Gazpromneft Hydraulic HLP and HVLP series are included in Bosch Rexroth Fluid Rating List RDE 90245 – the most rigorous OEM requirements available for hydraulic oils.



INDUSTRIAL GEAR OILS



Industrial gear oils



Gazpromneft line of industrial gear oils meets the needs of a wide range of gear types and applications. Gazpromneft portfolio of oils enables you to choose a product to match your technical and operational needs.

Products	Technology	ISO VG	Specifications Full details can be obtained from your representative; approvals and specs will vary by viscosity grade
Gazpromneft Reductor F Synth	Synthetic (advanced EP)	150, 220, 320, 460	Flender gearboxes and gear units Industry standards: AGMA 9005-F16 (EP); DIN 51517-3
Gazpromneft Reductor F	Mineral (advanced EP)	150, 220, 320, 460	Flender gearboxes and gear units Industry standards: DIN 51517-3
Gazpromneft Reductor CLP	Mineral (EP)	68, 100, 150, 220, 320, 460, 680	Fives Cincinnati, Danieli, David Brown Industry standards: AGMA EP 9005 F16; DIN 51517-3; AIST (Steel) 224
Gazpromneft Reductor WS	Mineral (EP)	150, 220, 320	DIN 51517-3
Gazpromneft Reductor ITD	Mineral (EP)	68, 100, 150, 220, 320, 460, 680	DIN 51517-3





COMPRESSOR OILS



Compressor oils



Gazpromneft compressor oils line meets the challenges of a wide range of air compressors and applications. They provide excellent wear protection and outstanding resistance to oxidation and thermal degradation to ensure equipment protection and reliability.

Product	Typical application	Technology	ISO VG	Specifications Full details can be obtained from your representative; approvals and specs will vary by viscosity grade
Gazpromneft Compressor F Synth	Rotary air compressors		46, 68	DIN 51506 VDL ISO 6743 DAJ
Gazpromneft Compressor S Synth	Rotary and reciprocating air compressors		46, 68, 100, 150	DIN 51506 VDL
Gazpromneft Compressor Oil	Rotary and reciprocating air compressors		46, 68, 100, 150, 220, 320	DIN 51506 VCL
Gazpromneft Compressor Oil T	Dynamic air compressors		46	



Synthetic



Semisynthetic



Mineral

SPECIALITY COMPRESSOR OILS



Speciality compressor oils



Gazpromneft speciality compressor oils are designed specifically for use in compressors processing hydrocarbon and natural gas. They are specially formulated to resist hydrocarbon dilution and oil absorption in this type of service.

Products	Application	Technology	ISO VG	Media
Gazpromneft Compressor PAO NG	Rotary screw compressors	Polyalphaolefin fluid	100,150	Natural gas and other light hydrocarbon gases
Gazpromneft Compressor PAG WG	Rotary screw and rotary vane compressors	Polyalkylene glycol fluid	100,150	Natural gas, carbon dioxide, propane or other hydrocarbon gases

1 Gazpromneft Compressor PAO NG and Gazpromneft Compressor PAG WG are not applicable for air compressors.

2 Gazpromneft Compressor PAG WG have limitations regarding compatibility with seal and coating materials, some varieties of light metal alloys and other lubricants.

3 The choice between the two technologies depends on the composition of the gas. Before applying please contact the technical support representatives for specific advice on the application.

TURBINE OILS



Turbine oils







Gazpromneft turbine oils designed to provide protection, reliable operation and long oil life in steam turbines, gas turbines and combined-cycle gas turbines.



Synthetic



Mineral

Product	Typical application	Technology	ISO VG	Specifications
Gazpromneft Turbine Oil F Synth	Industrial steam, light- and heavy-duty gas and combined-cycle turbine systems, including geared turbines with load requirements		32, 46	Full details can be obtained from your representative; approvals and specs will vary by viscosity grade GEK 107395A; GEK 32568H; Siemens TLV 9013 05; DIN 51515-2
Gazpromneft Turbine Oil F Synth EP	Industrial steam, light- and heavy-duty gas and combined-cycle turbine systems		32, 46	GEK 101941A; Siemens TLV 9013 05; DIN 51515-2
Gazpromneft Turbine Oil	Industrial steam, light-duty gas and combined-cycle turbine systems		32	Siemens TLV 9013 05; Alstom HTGD 90-117 V; ASTM D4304-00 Type I; DIN 51515 Part 1/ Part 2; GEK 28143A; GEK 46506D; ISO 8068 L-TSA & L-TGA; JIS K 2213:1983 type 2; Solar ES9-224W
Tp-22S	Industrial steam, light-duty gas and hydraulic turbines		32	Inter RAO UES, Turboatom
Tp-30	Industrial steam, light-duty gas and hydraulic turbines		46	

Products



Gazpromneft Slide Way oils are specially designed for machine tool slideways. They have excellent anti-stick-slip properties to provide reliable protection for high-precision, low-speed machines and bring smooth motion enhancing machine productivity and accuracy.

Gazpromneft Romil are high quality circulating oils intended for plain bearings in full fluid lubrication systems, particularly affected by heavy water contamination and may be used for back-up roll bearings in metal rolling mills.

Gazpromneft PM oils are high performance oils for industrial paper machine circulating systems.

Gazpromneft Circulation Oil designed for circulation and other systems where long lubricant service life is required.

SLIDE & WAY OILS

Products	Technology	ISO VG	Specifications
			Full details can be obtained from your representative; approvals and specs will vary by viscosity grade
Gazpromneft Slide Way	Mineral (EP)	68, 220	Fives Group Industry standards: DIN 51517-3, DIN 51524-3

OILS FOR ROLLING MILLS

Products	Technology	ISO VG	Specifications
			Full details can be obtained from your representative; approvals and specs will vary by viscosity grade
Gazpromneft Romil	Mineral	46, 100, 150, 220, 320, 460	Morgoil, Danieli
IPV	Mineral	46, 220, 460	Electrostral Heavy Engineering Construction

PAPER MACHINE OILS

Products	Technology	ISO VG	Specifications
			Full details can be obtained from your representative; approvals and specs will vary by viscosity grade
Gazpromneft PM	Mineral	150, 220	Metso Paper DIN 51517-3

CIRCULATING OILS

Products	Technology	ISO VG	Specifications
			Full details can be obtained from your representative; approvals and specs will vary by viscosity grade
Gazpromneft Circulation Oil	Mineral	100	Danieli Industry standards: DIN 51524-2; SEB 181222; U.S. Steel 126/127

PROCESS OILS



Process oils



Gazpromneft process oils are widely used across various tire and rubber applications as softener, plasticizer and extender oils. Gazpromneft process oils are non-carcinogenic and compliant with REACH Regulation 1907/2006, Annex XVII (Item 50).

Product	KV at 100°C, mm ² /s ASTM D445	Carbon Type Distribution Ca/Cn/Cp, wt% ASTM D2140	Aniline Point, °C ASTM D611	Sum of 8 PAH, mg/kg EN 16143
Gazpromneft Rubber Oil	30	7/23/70	>100	0.6
Gazpromneft Rubber Oil NT	22	6/28/68	118	0.6
Gazpromneft Rubber Oil R	61	19/20/61	101	<10
Gazpromneft RD	32	14/18/68	109	<10
Gazpromneft TDAE B	34	18/58/24	87	<10

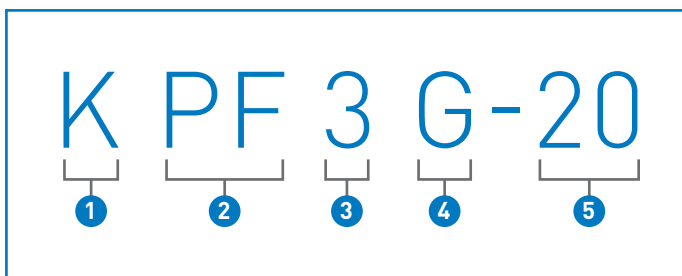
GREASES



Gazpromneft Grease

Gazpromneft range of greases includes multipurpose greases that are designed to help simplify your product inventory, as well as specialty greases designed for the most severe extreme-temperature and long-life applications. Gazpromneft greases offer protection across a wide range of applications including steel production, mining, construction, power generation, general or automotive manufacturing.

Designation and classification of greases according to DIN 51 502



- 1 Type of lubricating grease
- 2 Base oil type and additives
- 3 NLGI grade
- 4 Upper operating temperature and behavior with water
- 5 Lower operating temperature in °C

1 Type of lubricating grease

K	Lubricating greases for roller bearings, friction bearings and sliding surfaces (to DIN 51825)
G	Lubricating greases for closed gears (to DIN 51826)
OG	Lubricating greases for open gears, toothings (adhesive lubricants without bitumen)
M	Lubricating greases for friction bearings and seals (lower requirements than at lubricating grease K)

2 Base oil type

E	Ester oils
FK	Fluorinated hydrocarbons
HC	Synthetic hydrocarbons
PH	Phosphoric acid ester
PG	Polyglycols
SI	Silicones
X	Other

3 NLGI consistency numbers

Penetration at 25 °C	NLGI number	Appearance	Applications
445-475	000	Fluid	Open gear lubrication
400-430	00	Semi-fluid	Open gear lubrication
355-385	0	Very soft	Open gear lubrication and centralized lubrication systems requiring low-temperature pumpability
310-340	1	Soft	Needle and multiple row roller bearings; flexible chain coupling
265-295	2	Creamy	Plain and antifriction bearings operating under moderate load and at medium speeds; most flexible couplings
220-250	3	Firm	Antifriction bearings; automotive wheel bearings; prelubed ball bearings – double sealed and double shielded type
175-205	4	Very firm	Water pumps and other high-speed, lightly-loaded applications
130-160	5	Hard	High-speed applications
85-115	6	Very hard	Pillow-block lubrication

4 Upper operating temperature and behavior with water

Identifier	Upper operating temperature, °C	Behavior with water to DIN 51807 Part 1*	Identifier	Upper operating temperature, °C	Behavior with water to DIN 51807 Part 1*
C	+60	0-40 °C or 1-40 °C	M	+120	2-90 °C or 3-90 °C
D	+60	2-40 °C or 3-40 °C	N	+140	Not agreed
E	+80	2-40 °C or 3-40 °C	P	+160	
F	+80	2-40 °C or 3-40 °C	R	+180	
G	+100	0-90 °C or 1-90 °C	S	+200	
H	+100	2-90 °C or 3-90 °C	T	+220	
K	+120	0-90 °C or 1-90 °C	U	above +220	

* 0 — no change; 1 — minor change; 2 — moderate change; 3 — strong change.

Products



G-Energy range of high performance greases designed to meet the needs of passenger cars, trucks, farm tractors, contractor, construction, mining and mobile equipment.

G-Energy Greases

Product	Technology	NLGI grade	Specifications
G-Energy Grease L Moly EP	Lithium, mineral, EP, solid EP additive (MoS ₂)	2	KPF2K-30
G-Energy Grease LX EP	Lithium complex, mineral, EP	2	KP2P-30
G-Energy Grease L EP	Lithium, mineral, EP	2	K2K-30



Gazpromneft greases cover a wide range of equipment requirements and offer improved wear protection, long oil life and high system efficiency. Keep your equipment running best by choosing the grease recommended for specific operating conditions.

Gazpromneft Greases

Product	Technology	NLGI grade	Specifications
Gazpromneft Grease Synth LX EP	Lithium complex, synthetic, EP, solid EP additive (MoS ₂)	2	KPHC2N-50
Gazpromneft Grease LX EP	Lithium complex, mineral, EP	1 and 2	KP [1;2]P-30
Gazpromneft Grease LTS Moly EP	Lithium calcium, mineral, EP, solid EP additive (MoS ₂)	2	
Gazpromneft Grease LTS	Lithium calcium, mineral	1 and 2	KP [1;2]K-30
Gazpromneft Grease L Moly EP	Lithium, mineral, EP, solid EP additive (MoS ₂)	2	KPF2K-30
Gazpromneft Grease L EP	Lithium, mineral, EP	00, 0, 1, 2 and 3	KP [00;0;1;2;3] K-30
Gazpromneft Grease L	Lithium, mineral	2	K2K-30
Gazpromneft Grease Nord Moly	Lithium complex, mineral, EP, solid EP additive (MoS ₂)	0	KPF0K-50
Gazpromneft Grease HighSpeed EP	Lithium, mineral, EP	3	KP3N-40
Gazpromneft Steelgrease CS	Calcium sulfonate complex, mineral, EP	1 and 2	KP [1;2]S-30
Gazpromneft Metalgrease AC	Bentone, mineral, EP, solid EP additive (graphite and MoS ₂)	2	KPF2S-30

COOLANTS



G-Energy and Gazpromneft coolants

G-Energy and Gazpromneft lines of engine coolants provide protection from corrosion, overheating and frost. G-Energy and Gazpromneft coolants ensure that your cooling system works perfectly all year round. Products are available for all types of vehicle and all types of engine.

G-Energy and Gazpromneft lines of engine coolants are formulated on the basis of monoethylene glycol and a corrosion inhibitor package. All products available in both concentrated and prediluted formulas.

G-Energy and Gazpromneft coolants successfully used for specific operating conditions:



Heavy duty diesel engines



Stationary gas and diesel engines



Automotive engines

Products

1 Traditional Coolant

Traditional coolants use corrosion inhibitors based on inorganic salts (IAT inorganic acid technology).



Gazpromneft Antifreeze



Gazpromneft Antifreeze BS



Gazpromneft TOSOL

2 OAT Coolant

OAT Coolant contains a corrosion inhibitor package based on organic acid salts (Organic Acid Technology). The OAT formula offers excellent protection for aluminum engines.



G-Energy Antifreeze SNF



G-Energy Antifreeze



Gazpromneft Antifreeze SF12+

3 Hybrid Coolant

Hybrid coolants contain inhibitors based on a combination of inorganic salts (as found in traditional coolant) and some fully neutralized organic acids (as found in OAT coolant). This hybrid technology is also referred to as HOAT technology.



G-Energy Antifreeze NF



G-Energy Antifreeze HD

4 Si-OAT Coolant

Si-OAT Coolant contains a corrosion inhibitor package based on the combination of organic acids and silicates (Silicated Organic Additive Technology).



G-Energy Antifreeze Si-OAT



Why **Gazpromneft-Lubricants**



Original equipment manufacturer (OEM) approvals and proven performance



Improved productivity



High performance products, services and solutions



Industry technical expertise



Worldwide availability, extended delivery network



LUBRICANTS

2019-04/1

Gazpromneft-Lubricants, Ltd.

14/3 Krzhyzhanovskogo Street, Moscow, 117218, Russia
Tel.: +7 (495) 642-99-69, Fax: +7 (495) 921-48-63

www.gazpromneft-sm.ru