

List of fuels, lubricants and special liquids recommended for use in units and assemblies of KAMAZ vehicles

1 Engine oils for diesel engines KAMAZ V-8 of EURO-3 level (not lower than CH-4), EURO-4, EURO-5 (not lower than CI-4)

Attention! When carrying out maintenance of KAMAZ V-8 diesel engines, it is recommended to use high-quality engine oil: KAMAZ G-Profi Service Line CS or similar from this list.

Oil brand	Statutory document	Manufacturer
KAMAZ G-Profi Service Line CS SAE 5W-40, 10W-40, 15W-40	STO 84035624-253-2017	OOO Gazpromneft -SM
Gazpromneft Diesel Premium SAE 10W-40, 15W-40, API CI-4/SL	STO 84035624-061-2012	
Gazpromneft Diesel Prioritet SAE 10W-40, 15W-40, API CH-4/SL	STO 84035624-062-2012	
G-Profi MSI Plus SAE 15W-40, API CI-4/SL	STO 84035624-081-2012	OOO Gazpromneft -SM
	–	<u>Gazpromneft Lubricants S.P.A.</u>
G-Profi MSI SAE 10W-40, 15W-40, API CI-4/SL	STO 84305624-041-2011	OOO Gazpromneft -SM
	–	<u>Gazpromneft Lubricants S.P.A.</u>
LUKOIL-AVANGARD ULTRA SAE 15W-40, 20W-50, API CI-4/SL	STO 00044434-026-2013	OOO LLK- INTERNATIONAL
LUKOIL-AVANGARD ULTRA semisynthetic SAE 5W-40, 10W-30, 10W-40, API CI-4/SL		
LUKOIL-AVANGARD ULTRA PLUS SAE 10W-40, API CI-4/SL		
LUKOIL-AVANGARD EXTRA SAE 10W-40, 15W-40, API CH-4/CG-4/SJ		
Rosneft Revolux D3 SAE 5W-40, API CI-4, CG-4	STO 44918199-059-2016	OOO RN- smazochnie- materiali
Rosneft Revolux D3 SAE 10W-40, API CI-4, CF		
Rosneft Revolux D3 SAE 15W-40, API CI-4, CG-4/CF		
Rosneft Revolux D3 CS SAE 10W-40, API CI-4/SL		
Rosneft Diesel 3 SAE 10W-40, 15W-40, API CI-4/SL		
Rosneft Diesel 2 SAE 10W-40, 15W-40, API CH-4/SJ	STO 44918199-054-2016	
EkoiL TURBO-MAX API CI-4/SL SAE 5W-40, 10W-40, 15W-40,	TU 0253-004-94265207-2007	OOO Tehcentr, Ufa

Oil brand	Statutory document	Manufacturer
Tatneft Premium SAE 5W-40, 10W-40, 15W-40, API CI-4/SL	STO 78689379-43-2019	AO TANEKO
AIMOL Turbo Synth X 5W-40	–	AIM b.n. (Netherlands)

AIMOL Turbo X PLUS 10W-40, 10W-30		
AIMOL Turbo X 15W-40		
Mobil Delvac MX Extra 10W-40, API CI-4/CH-4/CG-4/CF-4/CF/SL/SJ	--	EXXONMOBIL CORPORATION
Mobil Delvac MX 15W-40, API CI-4/CH-4/CG-4/CF-4/CF/SL/SJ	--	
Mobil Delvac Super 1400E 15W-40	--	
Mobil Delvac Modern 10W-40 Super Defense	-	
Mobil Delvac XHP ESP 10W-40	-	
Shell Rimula R5-E SAE 10W-40, API CI-4/CH-4/CG-4/CF-4/CF	--	
Shell Rimula R4-L SAE 15W-40, API CJ-4/CI-4+/CI-4/CH-4/ CG-4/CF-4/CF	--	
Shell Rimula R3-Turbo SAE 15W-40, CG-4	--	
Shell Rimula R3-Multi 10W-30, API CH-4/CG-4/CF-4/CF	--	
Shell Rimula R3-X SAE 15W-40, API CH-4/CG-4/CF-4/CF	--	
SINTEC TRUCK 15W-40, CI-4/SL	STO 82851503-161-2016	AO Obninskorgsintez
SINTEC TRUCK 10W-40, CI-4/SL	STO 82851503-160-2016	
SINTEC TRUCK 10W-40, CH-4/SL	STO 82851503-160-2016	
TOTACHI NIRO HD SEMI- SYNTHETIC 10W-40 API CI-4/SL, ACEA E7	STO 35696096-002-2021	
ROLF KRAFTON S5U 5W-40 CI-4/SL	STO 01775938-001-2016	ROLF Lubricants GmbH (AO Obninskorgsintez)
ROLF KRAFTON P5U 10W-40 CI-4/SL		
ROLF KRAFTON M5U 15W-40 CI-4/SL		
ROLF KRAFTON P3U 10W-40 CH-4/SL		
ROLF KRAFTON M3U 15W-40 CH-4/S		
TAKAYAMA DIESEL SAE 15W-40, 10W-40 CI-4/SL	STO 19811534-001-2018	Japan Chemical Innovations Corporation K.K. (AO Obninskorgsintez)
TOTAL RUBIA TIR 7400 SAE 15W-40, CI-4/SL	--	TOTAL
TOTAL RUBIA POLYTRAFIC SAE 10W-40, CI-4/CH-4/SL	--	
Fastroil Force F900 Diesel 5W-40	ST TOO 40618885-004- 2010	TOO «High Industrial Lubricants & Liquids (HILL) Corporation»
Fastroil Force F900 Diesel Pro 10W-40		
Fastroil Force F500 Diesel 15W-40, 20W-50		
MOTUL TEKMA MEGA X SAE 10W-40, 15W-40, CI-4/CH-4	--	MOTUL

2 Engine oils for KAMAZ V-8 diesel engines of EURO-2 level

For KAMAZ V-8 diesel engines of EURO-2 level and below, engine oil of an operation group of at least CF-4 is used (oils of higher operation group are allowed).

Attention! *When servicing KAMAZ V-8 diesel engines, it is recommended to use high-quality engine oil: KAMAZ G-Profi Service Line STO 84035624-254-2017*

3 Engine oils for in-line diesel engines KAMAZ In-line-6

Attention!

When carrying out service maintenance of KAMAZ 6 in-line diesel engines, it is recommended to use high-quality engine oil: KAMAZ G-Profi Service Line NEO 5W-30 or similar from the indicated specification.

Trademark	Statutory document	Manufacturer
KAMAZ G-Profi Service Line NEO 5W-30, 10W-40	STO 84035624-253-2017	OOO Gazpromneft - SM
Gazpromneft Diesel Ultra 5W-30, 10W-40	STO 84035624-265-2017	
LUKOIL AVANGARD PROFESSIONAL 5W-30 API CI-4 ACEA E4/E7	STO 00044434-017-2010	OOO LLK-INTERNATIONAL

4 Motor oil for diesel engines CUMMINS

For Cummins engines, motor oils should be used acc. to the specification CES 20078 (Euro-3, 4, 5), CES 20081 (Euro-6). The official list of oils is indicated in the link:

https://quickserve.cummins.com/qs3/qsol/service/serviceproducts/oil_registration_20078.html

Attention! *When carrying out maintenance of diesel engines, Cummins (Euro-3, 4, 5) it is recommended to use high-quality motor oil: KAMAZ G-Profi Service Line CS or similar from the indicated CES specifications.*

5 Engine oils for diesel and gas-diesel engines Daimler

Motor oils in accordance with sheets No. 228.5 "Mercedes-Benz Regulations for Operating Materials " This information is on the official website:

<https://operatingfluids.mercedes-benz-trucks.com/>

Attention! *During maintenance of Daimler diesel engines it is recommended to use high-quality engine oil:*

KAMAZ G-Profi Service Line DE 10W-40 or equivalent from the indicated specification.

6 Engine oils for gas engines Daimler

Motor oils in accordance with sheets No. 228.5 "Mercedes-Benz Regulations for Operating Materials " This information is on the official website:

<https://operatingfluids.mercedes-benz-trucks.com/>

7 Motor oils for gas engines KAMAZ V-8

Attention! During maintenance of gas engines KAMAZ V-8 it is recommended to use high-quality motor oil: KAMAZ G-Profi Service Line CNG or similar from this list.

Oil brand	Statutory document	Manufacturer
KAMAZ G-Profi Service Line CNG 10W-40	STO 84035624-256-2017	OOO Gazpromneft -SM
G-Profi CNG LA 10W-40	STO 84035624-168-2015	
AIMOL Turbo LD CNG 15W-40, 10W-40	–	AIM b.n. (Netherlands)
Mobil Pegasus 1	–	EXXON MOBIL CORPORATION
Fuchs TITAN CNG SAE 15W-40	–	FUCHS PETROLUB SE
Fuchs TITAN CNG MC SAE 10W-40	–	
Shell Rimula R5 NG SAE 10W-40	–	SHELL
Rosneft Revolux GEO 10W-40	–	OOO RN- smazochnie-materiali
EKOIL-TURBODIESEL GAZ Plus SAE 10W-40	TU 0253-026-94265207-2014	OOO-PROMEKO

8 Motor oil for gas engines Weichai

Oil brand	Statutory document	Manufacturer
G-Profi CNG LA 15W-40	STO 84035624-056-2012	OOO Gazpromneft -SM
KAMAZ G-Profi Service Line CNG 10W-40		
Shell Rimula R5 NG 10W-40		SHELL
Shell Rimula R6 LM		
Fuchs TITAN CNG MC SAE 10W-40	–	FUCHS PETROLUB SE

9 Transmission oils for KAMAZ transmission units*

Attention! During maintenance it is recommended to use high-quality transmission oil: Kamaz G-Profi Service Line GL-4/GL-5, 75W-90

Oil brand	Statutory document	Manufacturer
KAMAZ G-Profi Service Line GL-4/GL-5, 75W-90	-	OOO Gazpromneft -SM
Gazpromneft GL-4/GL-5, 75W-90	STO 84035624-189-2015	
Ecoil Eco-Trans SAE 80W-85	TY 0253-015-39968232-2006	LLC "Ecoprom", Ufa
Rosneft Kinetic MT 80W-90	STO 44918199-078-2017	OOO RN- smazochnie-materiali
Tatneft TM 5-18 (75W-90, API type GL-5)**	STO 78689379-24-2018	AO TANEKO
LUKOIL TRANSMISSIONNOE TM-5 SAE 80W-90**	STO 00044434-009-2006	OOO LLK-INTERNATIONAL
LUKOIL TRANSMISSIONNOE TM-5 semisynthetic SAE 75W-90**		

Oil brand	Statutory document	Manufacturer
TCp-15K	GOST 23652-79	OOO Gazpromneft-SM (OOO Omskii zavod smazochnyh materialov); OOO-Novokujbyshevskij- zavod-masel-i-prisadok
* Specified oils are not allowed for the operation of the transmission units of ZF, Allison companies. ** Hypoid axle oils		

Oils from the **TE-ML 02** lubricant list are recommended for use in ZF gearboxes.
Attention! High quality transmission oils may be used during maintenance: KAMAZ G-Profi Service Line GL-4/GL-5, 75W-90 (TE-ML 02V, TE-ML 19C) or KAMAZ G-Profi Service Line Z 75W-80 (TE-ML) 02L).
Oils from the lubricant list **TE-ML 14** are recommended for automatic gear boxes ZF.
For ZF Passau transfer cases, oils from the **TE-ML 19** lubricant list are recommended.
This information is on the official website: <https://aftermarket.zf.com/ru/ru/aftermarket-portal/technical-information/lubricants/>.
For automatic gear boxes Alliso, oils according to specification **TES 295** are recommended.

10 Transmission oils for transmission units Daimler

Transmission oils in accordance with sheets No. 235.8 / 235.20 of the "Mercedes-Benz Regulations for Operating Materials".
This information is on the official website: <http://bevo.mercedes-benz.com>.

11 Steering oils		
Oil brand	Statutory document	Manufacturer
GIPO-PC*	TU 0253-007-77820966-2006	OOO POLIEFIR, Nizhniy Novgorod
* The specified oil is not allowed for use in steering with ZF units or assemblies (pump or steering gear). For the operation of the steering system with ZF units or assemblies, oils are recommended in accordance with the list of lubricants TE-ML 09 . This information is on the official website: http://emea.resource.bosch.com/AA/interne t/enfinity/img/products/KS00000002SI0000COB200.pdf Attention! KAMAZ PTC recommends using lubricants according to the TE-ML 09X specification		

12 Coolants for Daimler engines

Coolants in accordance with sheets No. 325.0/325.3 (concentrates), 326.0/326.3 (finished products) of the Mercedes-Benz Regulations for Operating Materials.
This information is on the official website:
<https://operatingfluids.mercedes-benz-trucks.com/>

13 Coolants for KAMAZ V-8 and Weichai engines*		
<i>Attention!</i> When carrying out maintenance, it is recommended to use coolant: KAMAZ G-Profi Service Line Antifeeze		
Liquid brand	Statutory document	Manufacturer
KAMAZ G-Profi Service Line Antifeeze	STO 84035624-258-2018	OOO Gazpromneft-SM
«Gazpromneft Antifriz 40»	STO 84035624-166-2015	
OZH-40 «Lena», OZH-65 «Lena»	TU 113-07-02-88	ZAO Obninskorgsintez, Obninsk
SINTEC Antifriz -40 SINTEC Antifriz -65 (SINTEC Antifriz LUX-OEM G12)	TU 2422-047-51140047-2007	
CoolStream Standard 40	TU 2422-002-13331543-2004	AO Tehnoform, Klimovsk
KAMAZ-STANDARD 40, KAMAZ-STANDARD 65		
Antifriz «FELIX® CARBOX®» Antifriz «FELIX® CARBOX® (SQ)»	TU 2422-068-36732629-2006	OOO Tosol-sintez-invest, Dzerzhinsk
NIAGARA RED-40 NIAGARA TITAN TRUCK-40 (65)	TU 2422-002-63263522-2015	OOO PKF-NIAGARA Nizhniy Novgorod
Antifreeze Fleet Charge 50/50 (60/40) Prediluted	STO 31724507-003-2017	OOO PIK-KEMIKALS
LUKOIL ANTIFRIZ G12 RED LUKOIL ANTIFRIZ G12 YELLOW	STO 79345251-008-2008	OOO LLK- INTERNATIONAL
Mixing of coolants with each other is not allowed.		
* The specified coolants are not allowed for the cooling system of CUMMINS, Daimler engines		

14 Coolants for CUMMINS engines (Standard Cummins CES 14603, CES 14439) This information is on the official website: QuickServe Online

15 Coolants for in-line engines KAMAZ In-line-6		
<i>Attention!</i> When carrying out service maintenance, it is recommended to use coolant: KAMAZ G-Profi Antifeeze Premium		
Brand	Statutory document	Manufacturer
KAMAZ G-Profi Antifeeze Premium	-	OOO Gazpromneft-SM
G-Energy Antifreeze Si-OAT 40	STO 84035624-165-2015	
G-Energy Antifreeze SNF 40		STO 31724507-003-2017
Antifreeze Fleet Charge 50/50 (60/40) Prediluted		
CoolStream Premium 40	TU 2422-002-13331543-2004	AO Tehnoform, Klimovsk

16 Brake fluid (pneumohydraulic booster actuator)		
<i>Attention!</i> When carrying out maintenance, it is recommended to use brake fluid: KAMAZ G-Profi Service Line Hydraulic Special		
Brand	Statutory document	Manufacturer
ROSDOT	TU 2451-004-36732629-99	OOO Tosol-Sintez, Dzerzhinsk

17 Neutralizing fluids (AdBlue)

**Nitrogen oxide reducing agent AUS32 GOST R ISO 22241 (ISO 22241:2006),
(AdBlue according to DIN 70070 specification)**

18 Plastic lubricants

Brand	Statutory document	Manufacturer
Litol-24	GOST 21150	OOO Gazpromneft-SM
		PJSC NK Rosneft-MZ Nefteprodukt
		OOO Inzhenernaya-kompaniya MISCOM

Attention!

For long-haul vehicles of the new model range, RAVENOL Hot Red Grease HRG2 grease is used in the front hub bearings.

19 Hydraulic oils

**Attention! When carrying out maintenance, it is recommended to use hydraulic oil:
KAMAZ G-Profi Service Line Hidraulic**

Climatic modification	Manufacturer	Statutory document
For moderate climate	Gazpromneft Hydraulic HVLP 22	STO 84035624-010-2010
	LUKOIL Geizer LT 22	TU 0253-010-79345251-2008
For tropical climate	Gazpromneft Hydraulic HVLP 46	STO 84035624-010-2010
	LUKOIL Geizer LT 46	TU 0253-010-79345251-2008
For arctic climate	Gazpromneft Hydraulic HVLP 10	STO 84035624-010-2010
	LUKOIL Geizer LT 10	TU 0253-010-79345251-2008