



RENAULT

CHANGEONS DE VIE
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RENAULT TECHNOLOGIE ROUMANIE
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RENAULT TECHNOLOGIE ROUMANIE
Mioveni

API :RO MIO 100 P 20

Sofia-Aurora MONDIRU

Réf. KCM7300-2016-13568

Le 14/07/2016

Attention: Antonida Tarantina
Company: "Gazpromneft-lubricants", LTD
Address : 4/3, Krzhizhanovskogo str.
Moscow,
Russian Federation, 117218

Objet : RN Certification – Gazpromneft-lubricants LTD – Renault approval.

Dear Mrs Tarantina,

I am pleased to send you the Renault certificates. Here you can find some details about your RN after sale engine oil :

➤ **" Gazpromneft Premium N 5w-40 "**
[REDACTED]

RN0700-16-46
RN0710-16-39

The certification is effective for 4 years (until **14/07/2020**).

Thank you for your cooperation.

Kind regards,

Marian SIRBU
Chef de Service
«Ingénierie des matériaux»

Enc : 2 Certificates.

RENAULT Property

Renault RN700 certificate

Identification	Supplier	Gazpromneft-lubricants, Ltd
	Product name	Gazpromneft Premium N 5w-40
	ACEA	A3/B4-12
	1.1 Grade	5W-40

Lab performance	1.2	Shear stability	12.60
	1.3	HTHS	3.90
	1.4	Kinematic viscosity (40°C)	83.4
		Kinematic viscosity (100°C)	14.07
	1.5	Noack	9.9
	1.6	Calcium	3390
		Zinc	1270
		Magnesium	6
		Sulphur	0.38
		Phosphorus	1130
		Chlorine	19
		Molybdenum	1
		Barium	<10
		Silicon	16
	Boron	107	
	1.7	Sulphated Ash	1.3
	1.8	TAN	3.5
	1.9	TBN	10
	1.10	RE1 - FPM	PASS
		RE2/99 - ACM	PASS
		RE3/04 - VMQ	PASS
		RE4 - NBR	PASS
		AEM - VAMAC	PASS
1.11	Foaming Seq1	0/0	
	Foaming Seq2	10/0	
	Foaming Seq3	0/0	
1.12	Foaming Seq4	10/0	
1.13	CCS	6495@-30	
1.14	Pumping limit T* (MRV)	27743@-35	


Lab performance (continued)	1.15	Density	856
	1.16	Open-vessel flash point	234
	1.17	Pour point	-33
	1.18	Copper corrosion	1a
	1.19	Anti-wear properties	0,4
	1.20	De-airing	21
	1.21	Water content	0,01
	1.22	Base oil type & ratio	100% Gp III
	1.23	TOC	Classe 2
	1.24	MCT	8 / 251
	1.25	Auto-ignition T*	357

ACEA Engine tests performance	2.1	TU5JP high temperature deposits	Pass
	2.2	Seq VG low temperature sludge	Pass
	2.3	TU3M cam wear	Pass
	2.4	M111 black sludge	Pass
	2.5	M111 fuel economy	-
	2.6	DV4TD dispersivity	Pass
	2.7	OM646 Viscosity stability et oil consumption	Pass
	2.8	VW DI piston cleanliness & ring sticking	Pass

LLR	3.1	Renault LLR	NR
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Renault Registration Data (to be filled by Renault's delegate only)		
Registration	Final Technical data (dd/mm/yyyy)	11.05.2016
	Sample delivery (dd/mm/yyyy)	11.05.2016
Certificate	Certificate serial number	RN0700-16-46
	Delivered on (dd/mm/yyyy)	14.07.2016
	Valid till (dd/mm/yyyy)	14.07.2020
	Letter ref (NDS)	KCM7300-2016-13568

Renault: Date, Name, Signature

BURLIBASA MARIA XI
 14.07.2016


Supplier commitment: Date, Name, Signature

I hereby certify that all data submitted in this form is correct and issues from Renault-approved independent or Renault-certified (self-agreement process) testing facilities.

July 11th 2016
 Nikolay Deroshenko


Renault RN710 certificate

Identification		Supplier	Gazpromneft-lubricants, Ltd
		Product name	Gazpromneft Premium N 5w-40
			[REDACTED]
	1.1	Grade	5W-40

Lab performance	1.2	Shear stability	12,60
	1.3	HTHS	3,90
	1.4	Kinematic viscosity (40°C)	83,4
		Kinematic viscosity (100°C)	14,07
	1.5	Noack	9,9
	1.6	Calcium	3390
		Zinc	1270
		Magnesium	6
		Sulphur	0,38
		Phosphorus	1130
		Chlorine	19
		Molybdenum	1
		Barium	<10
		Silicon	16
		Boron	107
	1.7	Sulphated Ash	1,3
	1.8	TAN	3,5
	1.9	TBN	10
	1.10	RE1 - FPM	PASS
		RE2/99 - ACM	PASS
RE3/04 - VMQ		PASS	
RE4 - NBR		PASS	
AEM - VAMAC		PASS	
1.11	Foaming Seq1	0/0	
	Foaming Seq2	10/0	
	Foaming Seq3	0/0	
	Foaming Seq4	10/0	
1.13	CCS	6495@-30	
1.14	Pumping limit T* (MRV)	27743@-35	

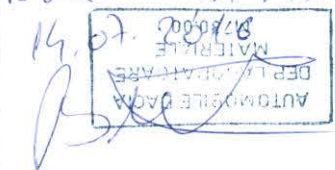
Lab performance (continued)	1.15	Density	856
	1.16	Open-vessel flash point	234
	1.17	Pour point	-33
	1.18	Copper corrosion	1a
	1.19	Anti-wear properties	0,4
	1.20	De-airing	21
	1.21	Water content	0,01
	1.22	Base oil type & ratio	100% Gp III
	1.23	TOC	Classe 2
	1.24	MCT	8 / 251
	1.25	Auto-ignition T*	357

ACEA Engine tests performance	2.1	TU5JP high temperature deposits	Pass
	2.2	Seq VG low temperature sludge	Pass
	2.3	TU3M cam wear	Pass
	2.4	M111 black sludge	Pass
	2.5	M111 fuel economy	-
	2.6	DV4TD dispersivity	Pass
	2.7	OM648 Viscosity stability et oil consumption	Pass
	2.8	VW DI piston cleanliness & ring sticking	Pass

LLR	3.1	Renault LLR	NR
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Renault Registration Data (to be filled by Renault's delegate only)		
Registration	Final Technical data (dd/mm/yyyy)	11 05 2016
	Sample delivery (dd/mm/yyyy)	11 05 2016
Certificate	Certificate serial number	RN0710-16-39
	Delivered on (dd/mm/yyyy)	14.07.2016
	Valid till (dd/mm/yyyy)	14.07.2020
	Letter ref (NDS)	KCM7300-2016-13568

Renault: Date, Name, Signature

BURLIBASA MARIAN
 14.07.2016


Supplier commitment: Date, Name, Signature

I hereby certify that all data submitted in this form is correct and issues from Renault-approved independent or Renault-certified (self-agreement process) testing facilities.

July 11th 2016
 Nikolay Dorshenko
