



TECHNOCENTRE  
ETABLISSEMENT DE GUYANCOURT

API : FR TCR LAB 1 53  
Grégory ALEXANDRE

Tél : 01 76 82 95 97

Réf. 68150-2015-253

Le 10/09/2015

**Yaroslav TRESKOV**

**GAZPROMNEFT – Lubricants Ltd**  
Profsovnaya str., 125A  
117647  
Moscow  
RUSSIA

**Objet :** RN Certification – GAZPROMNEFT – Engine Oils.

Dear Mr. Treskov,

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

**“G-Energy Service Line R 5w-40”**

██████████ (A3/B4-12) :

**RN0700-10-64 & RN0710-10-39**

**G-Energy Service Line R 5w-30”**

██████████ (C4-12) :

**RN0720-10-13**

The certification is effective for 4 years (until **10/09/2019**).

Thank you for your cooperation.

Kind regards,

**Arnaud MORIZOT**  
Chef de Service  
« Matériaux polymères et fluides »

*Enc : 3 Certificates.*



## Renault RN700 certificate

Identification		Supplier	GAZPROMNEFT Lubricants Ltd
		Product name	G-Energy Service line R 5w-40
		ACEA	A3/B4-04
	1.1	Grade	5w40

Lab performance	1.2	Shear stability	13,3
	1.3	HTHS	4.00
	1.4	Kinematic viscosity (40°C)	87.0
		Kinematic viscosity (100°C)	14.5
	1.5	Noack	11.4
	1.6	Calcium	2740
		Zinc	1160
		Magnesium	5
		Sulphur	0.33
		Phosphorus	1065
		Chlorine	14
		Molybdenum	1
		Barium	<10
	1.7	Sulphated Ash	1.2
1.8	TAN	3.1	
1.9	TBN	9.6	
1.10	RE1 - FPM	Passe	
	RE2/99 - ACM	Passe	
	RE3/04 - VMQ	Passe	
	RE4 - NBR	Passe	
	AEM - VAMAC	Passe	
1.11	Foaming Seq1	0 / 0	
	Foaming Seq2	50 / 0	
	Foaming Seq3	0 / 0	
1.12	Foaming Seq4	40 / 0	
1.13	CCS	6960 @ -30	
1.14	Pumping limit T* (MRV)	27500 @ -35°C	

Lab performance (continued)	1.15	Density	854.9
	1.16	Open-vessel flash point	234
	1.17	Pour point	-30
	1.18	Copper corrosion	1a
	1.19	Anti-wear properties	<0.5
	1.20	De-airing	21
	1.21	Water content	<0.05
	1.22	Base oil type & ratio	100 % Gr III
	1.23	TOC	Classe 2
	1.24	MCT	8.2
	1.25	Auto-ignition T*	375

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

LLR	3.1	Renault LLR	-
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Renault Registration Data (to be filled by Renault's delegate only)		
Registration	Final Technical data (dd/mm/yyyy)	05.08.2010
	Sample delivery (dd/mm/yyyy)	16.08.2010
Certificate	Certificate serial number	<b>RN0700-10-64</b>
	Delivered on (dd/mm/yyyy)	10/09/2015
	Valid till (dd/mm/yyyy)	10/09/2019
	Letter reference	68150-2015-253

### Renault: Date, Name, Signature

10/09/2015

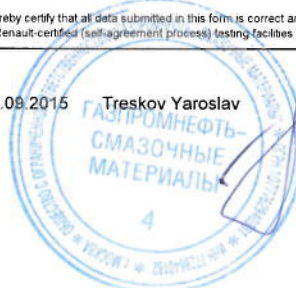
Jean-Michel TRICHARD  
 GAZPROMNEFT  
 10/09/2015

*[Signature]*

### 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

03.09.2015 Treskov Yaroslav





## Renault RN710 certificate

Identification	Supplier	GAZPROMNEFT Lubricants Ltd
	Product name	G-Energy Service line R 5w-40
	ACEA	A3/B4-04
	Grade	5w40

Lab performance (continued)	1.15	Density	854.9
	1.16	Open-vessel flash point	234
	1.17	Pour point	-30
	1.18	Copper corrosion	1a
	1.19	Anti-wear properties	<0.5
	1.20	De-airing	21
	1.21	Water content	<0.05
	1.22	Base oil type & ratio	100 % Gr III
	1.23	TOC	Classe 2
	1.24	MCT	8.2
	1.25	Auto-ignition T*	375

Lab performance	1.2	Shear stability	13,3
	1.3	HTHS	4.00
	1.4	Kinematic viscosity (40°C)	87.0
		Kinematic viscosity (100°C)	14.5
	1.5	Noack	11.4
	1.6	Calcium	2740
		Zinc	1160
		Magnesium	5
		Sulphur	0.33
		Phosphorus	1065
		Chlorine	14
		Molybdenum	1
		Barium	<10
		Silicon	13,00
	Boron	109	
	1.7	Sulphated Ash	1.2
	1.8	TAN	3.1
	1.9	TBN	9.6
	1.10	RE1 - FPM	Passe
		RE2/99 - ACM	Passe
RE3/04 - VMQ		Passe	
RE4 - NBR		Passe	
AEM - VAMAC		Passe	
1.11	Foaming Seq1	0 / 0	
	Foaming Seq2	50 / 0	
	Foaming Seq3	0 / 0	
1.12	Foaming Seq4	40 / 0	
1.13	CCS	6960 @ -30	
1.14	Pumping limit T* (MRV)	27500 @ -35°C	

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

LLR	3.1	Renault LLR	-
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Renault Registration Data (to be filled by Renault's delegate only)		
Registration	Final Technical data (dd/mm/yyyy)	05.08.2010
	Sample delivery (dd/mm/yyyy)	16.08.2010
Certificate	Certificate serial number	<b>RN0710-10-39</b>
	Delivered on (dd/mm/yyyy)	10/09/2015
	Valid till (dd/mm/yyyy)	10/09/2019
	Letter reference	68150-2015-253

Renault: Date, Name, Signature

10/09/2015

Jean-Michel TRICHAUX  
Service 68160  
TCR LAB 2 52  
Tél. : 01.76.85.74.58  
Fax : 01.76.89.08.89

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

03.09.2015 Treskov Yaroslav