



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 RN720 certificate

Identification	Supplier	GAZPROMNEFT Lubricants Ltd
	Product name	G-Energy Service Line R 5w-30
	ACEA	C4
	Grade	5w-30

Lab performance	1.2	Shear stability	11,6
	1.3	HTHS	3,51
	1.4	Kinematic viscosity (40°C)	68,1
		Kinematic viscosity (100°C)	11,6
	1.5	Noack	9,4
	1.6	Calcium	1216
		Zinc	500
		Magnesium	4
		Sulphur	0,19
		Phosphorus	447
		Chlorine	-
		Molybdenum	1
		Barium	<10
		Silicon	7
	1.7	Boron	<10
	1.7	Sulphated Ash	0,4
	1.8	TAN	1,1
	1.9	TBN	7,0
	1.10	RE1 - FPM	Pass (C3-04)
		RE2/99 - ACM	Pass (C3-04)
RE3/04 - VMQ		Pass (C3-04)	
RE4 - NBR		Pass (C3-04)	
AEM - VAMAC		Pass	
1.11	Foaming Seq1	0/0	
	Foaming Seq2	40/0	
	Foaming Seq3	0/0	
	Foaming Seq4	90/0	
1.13	CCS	6150 @ -30	
1.14	Pumping limit T* (MRV)	27600 @ -35	

Lab performance (continued)	1.15	Density	852
	1.16	Open-vessel flash point	210
	1.17	Pour point	-33
	1.18	Copper corrosion	1a
	1.19	Anti-wear properties	0,43
	1.20	De-airing	29,5
	1.21	Water content	<0,04
	1.22	Base oil type & ratio	100% Gr III
	1.23	TOC	Classe 3
	1.24	MCT	8,5
	1.25	Auto-ignition T*	362

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	1,5
	2.6	DV4TD dispersivity	Pass
	2.7	OM646 Viscosity stability et of consumption	Pass
	2.8	VW DI piston cleanliness & ring sticking	Pass

LLR	3.1	Renault LLR	Pass
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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	RN0720-10-13
	Delivered on (dd/mm/yyyy)	10/09/2015
	Valid till (dd/mm/yyyy)	10/09/2019
	Letter ref (NDS)	68150-2015-253

Renault: Date, Name, Signature

09/09/2015

Jean-Michel TRICHARD  
 Service 68160  
 TCR LAB 2 52  
 Tél. : 01.76.89.74.58  
 Fax : 01.76.89.08.85

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