



Renault RN710 certificate

Identification	Supplier	GAZPROMNEFT-LUBRICANTS, Ltd.
	Product name	Gazpromneft Premium N 5W-40
		[REDACTED]
	ACEA	A3/B4-12
	1.1 Grade	5W-40

Lab performance	1.2	Shear stability	13.10
	1.3	HTHS	4.00
	1.4	Kinematic viscosity (40°C)	91.5
		Kinematic viscosity (100°C)	14.79
	1.5	Noack	9.8
	1.6	Calcium	3290
		Zinc	1210
		Magnesium	13
		Sulphur	0.35
		Phosphorus	1060
		Chlorine	13
		Molybdenum	1
		Barium	<10
		Silicon	13
		Boron	96
	1.7	Sulphated Ash	1.3
	1.8	TAN	4.1
	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	20/0	
	Foaming Seq3	0/0	
	Foaming Seq4	20/0	
1.12	Foaming Seq4	20/0	
1.13	CCS	6480@-30	
1.14	Pumping limit T* (MRV)	22969@-35	

Lab performance (continued)	1.15	Density	854
	1.16	Open-vessel flash point	240
	1.17	Pour point	-39
	1.18	Copper corrosion	1a
	1.19	Anti-wear properties	0.38
	1.20	De-airing	27.7
	1.21	Water content	<0.04
	1.22	Base oil type & ratio	Gr.3 100%
	1.23	TOC	Classe 2
	1.24	MCT	7.9 / 254
	1.25	Auto-ignition T*	350

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	N/R
	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	N/R
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Renault Registration Data (to be filled by Renault's delegate only)		
Registration	Final Technical data (dd/mm/yyyy)	08.07.2020
	Sample delivery (dd/mm/yyyy)	15.07.2020
Certificate	Certificate serial number	RN710-20-63
	Delivered on (dd/mm/yyyy)	16.07.2020
	Valid till (dd/mm/yyyy)	16.07.2024
	Letter reference	QBT7300-2020-19952

Renault: Date, Name, Signature

16.07.2020
Gabriel Alexandru SERBAN



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.

16/07/2020
Peter Agafonov
R&D Manager

