



Renault RN700 certificate

Identification	Supplier	LUKOIL Lubricants Co.
	Product name	Confidential
		LUKOIL GENESIS ARMORTECH 5W-40
		Confidential
ACEA	A3/B4-12	
1.1	Grade	5W-40

Lab performance	1.2	Shear stability	12.6
	1.3	HTHS	3.5
	1.4	Kinematic viscosity (40°C)	72.2
		Kinematic viscosity (100°C)	12.9
	1.5	Noack	10.1
	1.6	Calcium	3050
		Zinc	1052
		Magnesium	19
		Sulphur	0.22
		Phosphorus	936
		Chlorine	17
		Molybdenum	<1
		Barium	<1
		Silicon	6
	Boron	71	
	1.7	Sulphated Ash	1.2
	1.8	TAN	2.5
	1.9	TBN	11
	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	70/0	
1.13	CCS	3555@-30	
1.14	Pumping limit T* (MRV)	15000@-35	

Lab performance (continued)	1.15	Density	845.2
	1.16	Open-vessel flash point	231
	1.17	Pour point	-48
	1.18	Copper corrosion	1a
	1.19	Anti-wear properties	0.45
	1.20	De-airing	20.4
	1.21	Water content	<0.04
	1.22	Base oil type & ratio	100% Gp III
	1.23	TOC	Classe 2
	1.24	MCT	7.7 / 247
	1.25	Auto-ignition T°	358

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	NR
	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)		
Registratic	Final Technical data (dd/mm/yyyy)	16.01.2019
	Sample delivery (dd/mm/yyyy)	16.01.2019
Certificate	Certificate serial number	RN0700-19-25
	Delivered on (dd/mm/yyyy)	05.02.2019
	Valid till (dd/mm/yyyy)	05.02.2023
	Letter reference	KCM7300-2019-18325

Renault: Date, Name, Signature

05.02.2019
 Ruslan M...

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.

Evgeniy Korneev
 Head of OEM Department
 30.01.2019



Renault RN710 certificate

Identification	Supplier	LUKOIL Lubricants Co.
	Product name	<div style="border: 1px solid black; padding: 2px;">Confidential</div> <div style="border: 1px solid black; padding: 2px;">Confidential</div> LUKOIL GENESIS ARMORTECH 5W-40
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1.8	TAN	2.5	
1.9	TBN	11	
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	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	70/0	
1.13	CCS	3555@-30	
1.14	Pumping limit T* (MRV)	15000@-35	

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Registratic	Final Technical data (dd/mm/yyyy)	16.01.2019
	Sample delivery (dd/mm/yyyy)	16.01.2019
Certificate	Certificate serial number	RN0710-19-24
	Delivered on (dd/mm/yyyy)	<i>05.02.2019</i>
	Valid till (dd/mm/yyyy)	<i>05.02.2023</i>
	Letter reference	KCM7300-2019-18325

Renault: Date, Name, Signature

05.02.2019
Rusu Maluis

Supplier commitment: Date, Name, Signature

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/Evgeniy Korneev / Head of OEM Department
30.01.2019