



Renault RN700 certificate

Identification		Supplier	OOO "LLK-International"
		Product name	Lukoil Genesis RN 5w-40
			CONFIDENTIAL
	1.1	Grade	5w-40

Lab performance	1.2	Shear stability	13.13
	1.3	HTHS	3.6
	1.4	Kinematic viscosity (40°C)	77.9
		Kinematic viscosity (100°C)	13.61
	1.5	Noack	10.4
	1.6	Calcium	2688
		Zinc	1060
		Magnesium	13
		Sulphur	0.2865
		Phosphorus	979
		Chlorine	9
		Molybdenum	1
		Barium	1
		Silicon	6
	Boron	73	
	1.7	Sulphated Ash	1.1
	1.8	TAN	3
	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	30/0	
1.12	Foaming Seq4	30/0	
1.13	CCS	4920	
1.14	Pumping limit T* (MRV)	29300	

Lab performance (continued)	1.15	Density	848
	1.16	Open-vessel flash point	232
	1.17	Pour point	-42
	1.18	Copper corrosion	1a
	1.19	Anti-wear properties	0.37
	1.20	De-airing	25.1
	1.21	Water content	< 0.04
	1.22	Base oil type & ratio	CONFIDENTIAL
	1.23	TOC	Classe 2
	1.24	MCT	8.9 / 254
	1.25	Auto-ignition T*	344

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	M271 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
------------	-----	-------------	----

Renault Registration Data (to be filled by Renault's delegate only)		
Registration	Final Technical data (dd/mm/yyyy)	29.10.2012
	Sample delivery (dd/mm/yyyy)	29.10.2012
Certificate	Certificate serial number	RN0700-12-46
	Delivered on (dd/mm/yyyy)	<i>12.01.2017</i>
	Valid till (dd/mm/yyyy)	<i>12.01.2021</i>
	Letter ref (NDS)	KCM7300-2017-14620

Renault: Date, Name, Signature

12.01.2017
Rusya Marais

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.

12.01.2017
Mr. Sterkhov



Renault RN710 certificate

Identification	Supplier	OOO "LLK-International"
	Product name	Lukoil Genesis RN 5w-40
		CONFIDENTIAL
	ACEA	A3/B4-10
	1.1 Grade	5w-40

Lab performance	1.2	Shear stability	13.13
	1.3	HTHS	3.6
	1.4	Kinematic viscosity (40°C)	77.9
		Kinematic viscosity (100°C)	13.61
	1.5	Noack	10.4
	1.6	Calcium	2688
		Zinc	1060
		Magnesium	13
		Sulphur	0.2865
		Phosphorus	979
		Chlorine	9
		Molybdenum	1
		Barium	1
		Silicon	6
Boron	73		
1.7	Sulphated Ash	1.1	
1.8	TAN	3	
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	30/0	
1.13	CCS	4920	
1.14	Pumping limit T* (MRV)	29300	

Lab performance (continued)	1.15	Density	848
	1.16	Open-vessel flash point	232
	1.17	Pour point	-42
	1.18	Copper corrosion	1a
	1.19	Anti-wear properties	0.37
	1.20	De-airing	25.1
	1.21	Water content	< 0.04
	1.22	Base oil type & ratio	CONFIDENTIAL
	1.23	TOC	Classe 2
	1.24	MCT	8.9 / 254
	1.25	Auto-ignition T°	344

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	M271 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
-----	-----	-------------	----

Renault Registration Data (to be filled by Renault's delegate only)		
Registration	Final Technical data (dd/mm/yyyy)	29.10.2012
	Sample delivery (dd/mm/yyyy)	29.10.2012
Certificate	Certificate serial number	RN0710-12-41
	Delivered on (dd/mm/yyyy)	12.01.2017
	Valid till (dd/mm/yyyy)	12.01.2021
	Letter ref (NDS)	KCM7300-2017-14820

Renault: Date, Name, Signature

12.01.2017
Rusu MARINS

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.

02.01.2017. Dr. Sterkhor