



### Renault RN710 certificate

<b>Identification</b>		Supplier	OOO "LLK-International"
		Product name	Lukoil Genesis Special Polar <i>CONFIDENTIAL</i> <i>CONFIDENTIAL</i>
		ACEA	A3/B4-10
	1.1	Grade	0w-40

<b>Lab performance</b>	1.2	Shear stability	13,20
	1.3	HTHS	3,70
	1.4	Kinematic viscosity (40°C)	76,0
		Kinematic viscosity (100°C)	13,40
	1.5	Noack	10,4
	1.6	Calcium	2887
		Zinc	1051
		Magnesium	0
		Sulphur	0,21
		Phosphorus	958
		Chlorine	10
		Molybdenum	0
		Barium	0
		Silicon	6
		Boron	70
	1.7	Sulphated Ash	1,1
	1.8	TAN	2,4
	1.9	TBN	10,1
	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	50/0	
1.13	CCS	5795@-30	
1.14	Pumping limit T* (MRV)	24600@-40	

<b>Lab performance (continued)</b>	1.15	Density	844
	1.16	Open-vessel flash point	228
	1.17	Pour point	-48
	1.18	Copper corrosion	1a
	1.19	Anti-wear properties	0,4
	1.20	De-airing	26
	1.21	Water content	0,04
	1.22	Base oil type & ratio	<i>CONFIDENTIAL</i>
	1.23	TOC	Classe2
	1.24	MCT	7,3
	1.25	Auto-ignition T*	344

<b>ACEA Engine tests performance</b>	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	-
	2.6	DV4TD dispersivity	Pass
	2.7	OM646 Viscosity stability of oil consumption	Pass
	2.8	VW DI piston cleanliness & ring sticking	Pass

<b>LLR</b>	3.1	Renault LLR	NR
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<b>Renault Registration Data (to be filled by Renault's delegate only)</b>		
<b>Registration</b>	Final Technical data (dd/mm/yyyy)	29.10.2015
	Sample delivery (dd/mm/yyyy)	12.09.2013
<b>Certificate</b>	Certificate serial number	RN0710-13-56
	Delivered on (dd/mm/yyyy)	19/11/2015
	Valid till (dd/mm/yyyy)	19/11/2019
	Letter ref (NDS)	68150-2015-316

**Renault: Date, Name, Signature**

19/11/2015  
C. DUMONT  
*[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.

13.11.2015  
Dr. Andrey Stebenkov  
*[Signature]*