



Renault RN710 certificate

Identification	Supplier	OOO "LLK-International"
	Product name	CONFIDENTIAL Lukoil Genesis Polartech CONFIDENTIAL
	ACEA	A3/B4-10
	Grade	0w-40

Lab performance	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	

Lab performance (continued)	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	CONFIDENTIAL
	1.23	TOC	Classe2
	1.24	MCT	7,3
	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	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

LLR	3.1	Renault LLR	NR
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Renault Registration Data (to be filled by Renault's delegate only)		
Registration	Final Technical data (dd/mm/yyyy)	29.10.2015
	Sample delivery (dd/mm/yyyy)	12.09.2013
Certificate	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

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. Dmitry Stebenkov