



### Renault RN700 certificate

<b>Identification</b>	Supplier	LUKOIL
	Product name	CONFIDENTIAL
		LUKOIL Luxe Synthetic 5w-30
	ACEA	A5/B5-12
1.1	Grade	5w-30

<b>Lab performance</b>	1.2	Shear stability	9,50
	1.3	HTHS	2,90
	1.4	Kinematic viscosity (40°C)	51,5
		Kinematic viscosity (100°C)	9,50
	1.5	Noack	10,3
	1.6	Calcium	3100
		Zinc	1060
		Magnesium	0
		Sulphur	0,22
		Phosphorus	938
		Chlorine	50
		Molybdenum	<1
		Barium	<1
		Silicon	6
	Boron	70	
	1.7	Sulphated Ash	1,2
	1.8	TAN	2,7
	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	
	Foaming Seq4	50/0	
1.13	CCS	3398@-30	
1.14	Pumping limit T* (MRV)	10000@-35	

<b>Lab performance (continued)</b>	1.15	Density	846
	1.16	Open-vessel flash point	229
	1.17	Pour point	-51
	1.18	Copper corrosion	1a
	1.19	Anti-wear properties	0,47
	1.20	De-airing	15,1
	1.21	Water content	0,04
	1.22	Base oil type & ratio	CONFIDENTIAL
	1.23	TOC	Classe2
	1.24	MCT	8,2 / 252
	1.25	Auto-ignition T*	368

<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	2,9
	2.6	DV4TD dispersivity	Pass
	2.7	OM646 Viscosity stability et oil consumption	Pass
	2.8	VW DI piston cleanliness & ring sticking	Pass

<b>LLR</b>	3.1	Renault LLR	NR
------------	-----	-------------	----

<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)	09.11.2015
<b>Certificate</b>	Certificate serial number	RN0700-16-03
	Delivered on (dd/mm/yyyy)	19/11/2015
	Valid till (dd/mm/yyyy)	19/11/2019
	Letter reference	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 issued from Renault-approved independent or Renault-certified (self-accredited) Renault testing facilities.

13.11.2015  
Dr. Andrey Stekchov