



Renault RN700 certificate

Identification	Supplier	LUKOIL
	Product name	CONFIDENTIAL
		LUKOIL Luxe Synthetic 5w-40
	ACEA	A3/B4-12
1.1	Grade	5w-40

Lab performance	1.2	Shear stability	12,60
	1.3	HTHS	3,50
	1.4	Kinematic viscosity (40°C)	72,2
		Kinematic viscosity (100°C)	12,90
	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
	1.7	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	CONFIDENTIAL
	1.23	TOC	Classe2
	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	-
	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)		
Registration	Final Technical data (dd/mm/yyyy)	29.10.2015
	Sample delivery (dd/mm/yyyy)	09.11.2015
Certificate	Certificate serial number	RN0700-16-02
	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 issues from Renault-approved independent or Renault-certified (self-agreement process) testing facilities

13.11.2015
Dr. Andrey Stepkov