

Renault RN700 certificate

Identification	Supplier	ATLANTIC Lub
	Product name	Super Synthec
		LBB15911-A
	ACEA	A3/B4-12
1.1	Grade	10w-40

Lab performance	1.2	Shear stability	12.60
	1.3	HTHS	4.00
	1.4	Kinematic viscosity (40°C)	94.0
		Kinematic viscosity (100°C)	13.80
	1.5	Noack	10
		Calcium	3202
	1.6	Zinc	1108
		Magnesium	17
		Sulphur	0.41
		Phosphorus	1017
		Chlorine	<10
		Molybdenum	44
		Barium	0
		Silicon	5
		Boron	<10
		1.7	Sulfated Ash
	1.8	TAN	2.8
	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	200	
	Foaming Seq3	0/0	
1.12	Foaming Seq4	700	
1.13	CCS	6430@-25	
1.14	Pumping limit T* (MPa)	22400@-30	

Lab performance (continued)	1.15	Density	866
	1.16	Open vessel flash point	220
	1.17	Pour point	-42
	1.18	Copper corrosion	1a
	1.19	Anti-wear properties	0.46
	1.20	De-airing	27.2
	1.21	Water content	< 0.04
	1.22	Base oil type & ratio	47.6 Cr II 30 % Gp III
	1.23	TOC	Classe2
	1.24	MCT	7,2 / 256°C
	1.25	Auto-ignition T*	324

ACEA Engine tests performance	2.1	TUSJP high temperature deposits	Pass
	2.2	Seq VG low temperature sludge	Pass
	2.3	TUSM cam wear	Pass
	2.4	M111 black sludge	Pass
	2.5	M111 fuel economy	NA
	2.6	DV4TD dispersivity	Pass
	2.7	GM646 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)	7/4/2015
	Sample delivery (dd/mm/yyyy)	7/8/2015
Certificate	Certificate serial number	RN0700-15-30
	Delivered on (dd/mm/yyyy)	27/07/2015
	Valid till (dd/mm/yyyy)	27/07/2019
	Letter reference	68150-2015-207

Renault: Date, Name, Signature

27/07/2015

Jean-Michel TRICHARD
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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.

19-07-15
 A. U. M. Javadeen





Renault RN710 certificate

Identification	Supplier	ATLANTIC Lub
	Product name	Super Synthec
		LBB15911-A
	ACEA	A3/B4-12
	1.1 Grade	10w-40

Lab performance	1.2	Shear stability	12.60
	1.3	HTHS	4.00
	1.4	Kinematic viscosity (40°C)	94.0
		Kinematic viscosity (100°C)	13.80
	1.5	Neck	10
	1.8	Calcium	3202
		Zinc	1108
		Magnesium	17
		Sulphur	0.41
		Phosphorus	1017
		Chlorine	<10
		Molybdenum	44
		Barium	0
		Silicon	5
		Boron	<10
	1.7	Sulphated Ash	1.2
	1.8	TAN	2.8
	1.9	TBN	10.1
	1.10	RE1 - FPM	PASS
		RE2/3B - ACM	PASS
		RE3/04 - VMO	PASS
		RE4 - NBR	PASS
		ADM - VAMAC	PASS
	1.11	Foaming Seq1	0/0
Foaming Seq2		20/0	
Foaming Seq3		0/0	
1.12	Foaming Seq4	70/0	
1.13	CCS	6430@25	
1.14	Pumping limit T* (MPa)	22400@30	

Lab performance (continued)	1.15	Density	866
	1.16	Open-vessel flash point	228
	1.17	Pour point	-42
	1.18	Copper corrosion	1a
	1.19	Anti-wear properties	0.46
	1.20	De-airing	27.2
	1.21	Water content	<0.04
	1.22	Base oil type & ratio	47.6 Gr II 30 % Gr III
	1.23	TOC	Classe2
	1.24	MCT	7.2 / 256°C
	1.25	Anti-ignition T*	324

ACEA Engine tests performance	2.1	TUSJP high temperature deposits	Pass
	2.2	Seq VG low temperature sludge	Pass
	2.3	TUSM cam wear	Pass
	2.4	M111 black sludge	Pass
	2.5	M111 fuel economy	NA
	2.6	DV4TD dispersivity	Pass
	2.7	Oil46 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)	7/4/2015
	Sample delivery (dd/mm/yyyy)	7/8/2015
Certificate	Certificate serial number	RN0710-15-28
	Delivered on (dd/mm/yyyy)	27/07/2015
	Valid till (dd/mm/yyyy)	27/07/2019
	Letter reference	68150-2015-207

Renault: Date, Name, Signature

27/07/2015

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Service 68160
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Supplier commitment: Date, Name, Signature

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19-07-15

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