

## Renault RN700 certificate

Identification	Supplier	ACCOR Lubrificants
	Product name	Kennol Endurance 5W40
	ACEA	A3/B4-12
	Grade	5w-40

Lab performance	1.2	Shear stability	12,60
	1.3	HTHS	3,90
	1.4	Kinematic viscosity (40°C)	83,4
		Kinematic viscosity (100°C)	14,07
	1.5	Noack	9,9
	1.6	Calcium	3390
		Zinc	1270
		Magnesium	6
		Sulphur	0,38
		Phosphorus	1130
		Chlorine	19
		Molybdenum	1
		Barium	<10
		Silicon	16
		Boron	107
	1.7	Sulphated Ash	1,3
	1.8	TAN	3,5
	1.9	TBN	10,0
	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	10/0	
1.12	CCS	6495@-30	
1.13	Pumping limit T* (MRV)	27743@-35	


Lab performance (continued)	1.15	Density	856
	1.16	Open-vessel flash point	234
	1.17	Pour point	-33
	1.18	Copper corrosion	1a
	1.19	Anti-wear properties	0,4
	1.20	De-airing	21
	1.21	Water content	0,01
	1.22	Base oil type & ratio	100% Gp III
	1.23	TOC	Classe2
	1.24	MCT	8
	1.25	Auto-ignition T*	357

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)	18/11/2015
	Sample delivery (dd/mm/yyyy)	15/04/2013
Certificate	Certificate serial number	RN0700-15-40
	Delivered on (dd/mm/yyyy)	22/02/2016
	Valid till (dd/mm/yyyy)	22/02/2020
	Letter reference	68150-2015-288

Renault: Date, Name, Signature

22/02/2016  
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.

  
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## Renault RN710 certificate

Identification	Supplier	ACCOR Lubrificants
	Product name	Kennol Endurance 5W40
	ACEA	A3/B4-12
	Grade	5w-40

Lab performance	1.2	Shear stability	12,60
	1.3	HTHS	3,90
	1.4	Kinematic viscosity (40°C)	83,4
		Kinematic viscosity (100°C)	14,07
	1.5	Noack	9,9
	1.6	Calcium	3390
		Zinc	1270
		Magnesium	6
		Sulphur	0,38
		Phosphorus	1130
		Chlorine	19
		Molybdenum	1
		Barium	<10
		Silicon	16
		Boron	107
	1.7	Sulphated Ash	1,3
	1.8	TAN	3,5
	1.9	TBN	10,0
	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	10/0	
1.13	CCS	6495@-30	
1.14	Pumping limit T* (MRV)	27743@-35	

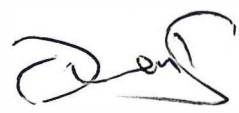
Lab performance (continued)	1.15	Density	856
	1.16	Openvessel flash point	234
	1.17	Pour point	-33
	1.18	Copper corrosion	1a
	1.19	Antiwear properties	0,4
	1.20	De-airing	21
	1.21	Water content	0,01
	1.22	Base oil type & ratio	100% Gp III
	1.23	TOC	Classe2
	1.24	MCT	8
	1.25	Auto-ignition T*	357

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)	18/11/2015
	Sample delivery (dd/mm/yyyy)	15/04/2013
Certificate	Certificate serial number	RN0710-15-39
	Delivered on (dd/mm/yyyy)	22/02/2016
	Valid till (dd/mm/yyyy)	22/02/2020
	Letter reference	68150-2015-288

Renault: Date, Name, Signature

22/02/2016  
C. DUMONT  


Supplier commitment: Date, Name, Signature

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