

Renault RN700 certificate

Identification	Supplier	ACCOR Lubrifiants
	Product name	Kennol Ecology 5W40 C3 (IME0505939-A)
	ACEA	A3 / B4 -08 et C3 - 10
	1.1 Grade	5W-40

Lab performance (continued)	1.15	Density	850
	1.16	Open-vessel flash point	247
	1.17	Pour point	-45
	1.18	Copper corrosion	1a
	1.19	Anti-wear properties	0,35
	1.20	De-airing	28
	1.21	Water content	<0,04
	1.22	Base oil type & ratio	100% Gr III
	1.23	TOC	Classe 2
	1.24	MCT	8,2
	1.25	Auto-ignition T*	375

Lab performance	1.2	Shear stability	12,90
	1.3	HTHS	3,60
	1.4	Kinematic viscosity (40°C)	80,8
		Kinematic viscosity (100°C)	13,35
	1.5	Noack	8,6
	1.6	Calcium	1800
		Zinc	900
		Magnesium	0
		Sulphur	0,20
		Phosphorus	800
		Chlorine	20
		Molybdenum	0
		Barium	0
		Silicon	5
	Boron	70	
	1.7	Sulphated Ash	0,8
	1.8	TAN	2,5
	1.9	TBN	8
	1.10	RE1 - FPM	PASS (AK6)
		RE2/99 - ACM	PASS (ACM)
RE3/04 - VMQ		PASS	
RE4 - NBR		PASS (NBR34)	
AEM - VAMAC		PASS (AEM)	
1.11	Foaming Seq1	0 - 0	
	Foaming Seq2	0 - 0	
	Foaming Seq3	0 - 0	
1.12	Foaming Seq4	30 - 0	
1.13	CCS	5620 @ -30	
1.14	Pumping limit T* (MRV)	21800 @ -35	

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	NR
	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	-
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Renault Registration Data (to be filled by Renault's delegate only)		
Registration	Final Technical data (dd/mm/yyyy)	14/03/2012
	Sample delivery (dd/mm/yyyy)	-
Certificate	Certificate serial number	RN0700-16-05
	Delivered on (dd/mm/yyyy)	22/02/2016
	Valid till (dd/mm/yyyy)	22/02/2020
	Letter ref (NDS)	68150-2015-288

Renault: Date, Name, Signature

18/03/2016
DUMONT
DES

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.

18.02.16 E. AURIBAUT

Renault RN710 certificate

Identification	Supplier	ACCOR Lubrifiants
	Product name	Kennol Ecobgy 5W40 C3 (IME0505939-A)
	ACEA	A3 / B4 -08 et C3 - 10
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	1.6	Calcium	1800
		Zinc	900
		Magnesium	0
		Sulphur	0,20
		Phosphorus	800
		Chlorine	20
		Molybdenum	0
		Barium	0
		Silicon	5
	Boron	70	
	1.7	Sulphated Ash	0,8
	1.8	TAN	2,5
	1.9	TBN	8
	1.10	RE1 - FPM	PASS (AK6)
		RE2/99 - ACM	PASS (ACM)
RE3/04 - VMQ		PASS	
RE4 - NBR		PASS (NBR34)	
AEM - VAMAC		PASS (AEM)	
1.11	Foaming Seq1	0 - 0	
	Foaming Seq2	0 - 0	
	Foaming Seq3	0 - 0	
1.12	Foaming Seq4	30 - 0	
1.13	CCS	5620 @ -30	
1.14	Pumping limit T* (MRV)	21800 @ -35	

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LLR	3.1	Renault LLR	-
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Renault Registration Data (to be filled by Renault's delegate only)		
Registration	Final Technical data (dd/mm/yyyy)	14/03/2012
	Sample delivery (dd/mm/yyyy)	-
Certificate	Certificate serial number	RN0710-16-04
	Delivered on (dd/mm/yyyy)	22/02/2016
	Valid till (dd/mm/yyyy)	22/02/2020
	Letter ref (NDS)	68150-2015-288

Renault: Date, Name, Signature

18/03/2016
DUMONT
[Signature]

Supplier commitment: Date, Name, Signature

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ACCOR
Lubrifiants
S.P. 409 - 49604 CHOLET CEDEX
Téléphone 02 41 75 23 70
Fax 02 41 75 23 70
18.02.16 E. AURIBAUT *[Signature]*