



Renault RN700 certificate

Identification		Supplier	REPSOL LUBRICANTES Y ESPECIALIDADES S.A.
		Product name	REPSOL ELITE MULTIVALVULAS 10W40
		ACEA	A3/B4-12
	1.1	Grade	10W-40

Lab performance (continued)	1.15	Density	856
	1.16	Open-vessel flash point	240
	1.17	Pour point	-39
	1.18	Copper corrosion	1a
	1.19	Anti-wear properties	0.4
	1.20	De-airing	22
	1.21	Water content	<0.04
	1.22	Base oil type & ratio	100 % Gp III
	1.23	TOC	Classe 2
	1.24	MCT	8.4 / 250
	1.25	Auto-ignition T°	340

Lab performance	1.2	Shear stability	12.5
	1.3	HTHS	3.7
	1.4	Kinematic viscosity (40°C)	82.1
		Kinematic viscosity (100°C)	13.2
	1.5	Noack	8.9
	1.6	Calcium	2687
		Zinc	1051
		Magnesium	0
		Sulphur	0.23
		Phosphorus	958
		Chlorine	10
		Molybdenum	0
		Barium	0
		Silicon	6
	1.7	Boron	70
		Sulphated Ash	1.1
		TAN	3.2
	1.8	TAN	3.2
	1.9	TBN	10
	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	30/0	
1.12	Foaming Seq4	30/0	
1.13	CCS	4095@-25	
1.14	Pumping limit T° (MRV)	14300@-30	

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)		
Registrati	Final Technical data (dd/mm/yyyy)	20.11.2014
	Sample delivery (dd/mm/yyyy)	25.11.2014
Certificate	Certificate serial number	RN0700-15-03
	Delivered on (dd/mm/yyyy)	<i>05.02.2019</i>
	Valid till (dd/mm/yyyy)	<i>05.02.2023</i>
	Letter ref (NDS)	KCM7300-2019-18324

Renault: Date, Name, Signature

05.02.2019
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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.

31 st January 2019

ISMAEL VELA
 Dirección Tecnología



Renault RN710 certificate

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		RE2/99 - ACM	PASS
RE3/04 - VMQ		PASS	
RE4 - NBR		PASS	
AEM - VAMAC		PASS	
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	Foaming Seq2	10/0	
	Foaming Seq3	0/0	
1.12	Foaming Seq4	30/0	
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Registrati	Final Technical data (dd/mm/yyyy)	20.11.2014
	Sample delivery (dd/mm/yyyy)	25.11.2014
Certificate	Certificate serial number	RN0710-15-03
	Delivered on (dd/mm/yyyy)	05.02.2019
	Valid till (dd/mm/yyyy)	05.02.2023
	Letter ref (NDS)	KCM7300-2019-18324


Renault: Date, Name, Signature

05.02.2019
Ismael Vela

Supplier commitment: Date, Name, Signature

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31 st January 2019

REPSOL 
Ismael Vela
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