



Lubricant Industries LLC



Renault RN700 certificate

Identification	Supplier	Emirates International Lubricants Industries LLC
	Product name	Emirates 1 MX11 Supreme Engine Oil SAE 5W40 API SN
		OR-F56173R-E OR-F56173R-L
	ACEA	A3/B4-12
1.1	Grade	5W-40

Lab performance	1.2	Shear stability	12.6
	1.3	HTHS	3.9
	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
	1.10	RE1 - FPM	PASS
		RE2/69 - 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	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	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	Classe 2
	1.24	MCT	8.0 / 251
	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	OM546 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)	7/29/2018
	Sample delivery (dd/mm/yyyy)	7/29/2018
Certificate	Certificate serial number	RN0700-18-90
	Delivered on (dd/mm/yyyy)	21. 11. 2018
	Valid till (dd/mm/yyyy)	21. 11. 2022
	Letter ref (NDS)	KCM7300-2018-17661

Renault: Date, Name, Signature

21. 11. 2018

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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

NARINDER JEET

17-11-2018



Lubricant Industries LLC



Renault RN710 certificate

Identification	Supplier	Emirates International Lubricants Industries LLC
	Product name	Emirates 1 MX11 Supreme Engine Oil SAE 5W40 API SN
		OR-F56173R-E OR-F56173R-L
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	1.5	Noack	9.9
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		Magnesium	6
		Sulphur	0.38
		Phosphorus	1130
		Chlorine	19
		Molybdenum	1
		Barium	<10
		Silicon	16
	1.7	Boron	107
	1.7	Sulphated Ash	1.3
	1.8	TAN	3.5
	1.9	TBN	10
	1.10	RE1 - FPM	PASS
		RE2/09 - 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
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	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 at 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)	7/29/2018
	Sample delivery (dd/mm/yyyy)	7/29/2018
Certificate	Certificate serial number	RN0710-18-88
	Delivered on (dd/mm/yyyy)	<i>21. 11. 2018</i>
	Valid till (dd/mm/yyyy)	<i>21. 11. 2022</i>
	Letter ref (NDS)	KCM7300-2018-17661

Renault: Date, Name, Signature

21. 11. 2018

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NARINDER JEET

17-11-2018