



Renault RN710 certificate

Identification	Supplier	VALVOLINE
	Product name	SynPower SAE 0W-40
1.1	Grade	0W-40

Lab performance	1.2	Shear stability	13.2
	1.3	HTHS	3.7
	1.4	Kinematic viscosity (40°C)	76.0
	1.4	Kinematic viscosity (100°C)	13.4
	1.5	Noack	10.4
	1.6	Calcium	2687
		Zinc	1051
		Magnesium	0
		Sulphur	0.21
		Phosphorus	958
		Chlorine	10
		Molybdenum	0
		Barium	0
		Silicon	6
		Boron	70
	1.7	Sulphated Ash	1.1
	1.8	TAN	2.4
	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	10/0
		Foaming Seq3	0/0
	1.12	Foaming Seq4	50/0
	1.13	CCS	5795@-30
	1.14	Pumping limit T* (MRV)	24600@-40

Renault: Date, Name, Signature

05.10.2017
Ruslan MARIUS

Lab performance (continued)	1.15	Density	844
	1.16	Open-vessel flash point	228
	1.17	Pour point	-48
	1.18	Copper corrosion	1a
	1.19	Anti-wear properties	0.4
	1.20	De-airing	26
	1.21	Water content	0.04
	1.22	Base oil type & ratio	40% Gp III 60% Gp IV
	1.23	TOC	Classe 2
	1.24	MCT	7.3
	1.25	Auto-ignition T*	344

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)	19-8-2013
	Sample delivery (dd/mm/yyyy)	28-8-2013
Certificate	Certificate serial number	RN0710-13-59
	Delivered on (dd/mm/yyyy)	05.10.2017
	Valid till (dd/mm/yyyy)	05.10.2021
	Letter ref (NDS)	KCM7300-2017-15895

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.

3-october-2017
PATRYCJA RESKA



Renault RN700 certificate

Identification	Supplier	VALVOLINE
	Product name	SynPower SAE 0W-40
	Grade	0W-40

Lab performance	1.2	Shear stability	13.2
	1.3	HTHS	3.7
	1.4	Kinematic viscosity (40°C)	76.0
	1.4	Kinematic viscosity (100°C)	13.4
	1.5	Noack	10.4
	1.6	Calcium	2687
		Zinc	1051
		Magnesium	0
		Sulphur	0.21
		Phosphorus	958
		Chlorine	10
		Molybdenum	0
		Barium	0
		Silicon	6
		Boron	70
	1.7	Sulphated Ash	1.1
	1.8	TAN	2.4
	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	10/0
		Foaming Seq3	0/0
	1.12	Foaming Seq4	50/0
	1.13	CCS	5795@-30
	1.14	Pumping limit T* (MRV)	24800@-40

Renault: Date, Name, Signature

05.10.2017
RUSU MARIUS

Lab performance (continued)	1.15	Density	844
	1.16	Open-vessel flash point	228
	1.17	Pour point	-48
	1.18	Copper corrosion	1a
	1.19	Anti-wear properties	0.4
	1.20	De-airing	26
	1.21	Water content	0.04
	1.22	Base oil type & ratio	40% Gp III 60% Gp IV
	1.23	TOC	Classe 2
	1.24	MCT	7.3
	1.25	Auto-ignition T*	344

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	CM646 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)	19-8-2013
	Sample delivery (dd/mm/yyyy)	28-8-2013
Certificate	Certificate serial number	RN0700-13-65
	Delivered on (dd/mm/yyyy)	05.10.2017
	Valid till (dd/mm/yyyy)	05.10.2021
	Letter ref (NDS)	KCM7300-2017-15895

Supplier commitment: Date, Name, Signature

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3-october-2017
PATRICIA RESZKA