

### Renault RN710 certificate

<b>Identification</b>	Supplier	OOO"LLK-International"
	Product name	Confidential Confidential <b>Lukoil Genesis Armortech 0W-40</b> Confidential
	-	Confidential
	ACEA	A3/B4-12
	1.1 Grade	0W-40

<b>Lab performance</b>	1.2	Shear stability	13.2
	1.3	HTHS	3.7
	1.4	Kinematic viscosity (40°C)	76
		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	

<b>Lab performance (continued)</b>	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	Classe2
	1.24	MCT	7.3
	1.25	Auto-ignition T*	344

<b>ACEA Engine tests performance</b>	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

<b>LLR</b>	3.1	Renault LLR	NR
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<b>Renault Registration Data (to be filled by Renault's delegate only)</b>		
<b>Registrati</b>	Final Technical data (dd/mm/yyyy)	25.02.2019
	Sample delivery (dd/mm/yyyy)	04.06.2018
<b>Certificate</b>	Certificate serial number	<b>RN0710-19-31</b>
	Delivered on (dd/mm/yyyy)	<i>14.03.2019</i>
	Valid till (dd/mm/yyyy)	<i>14.03.2023</i>
	Letter ref (NDS)	KCM7300-2019-18473

Renault: Date, Name, Signature

*14.03.2019*  
*Ruh Klavins*

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.

*/Evgeniy Komnev/*  
*Head of OEM*  
*Department*  
*12.03.2019*

## Renault RN700 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	50/0	
1.13	CCS	5795@-30	
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	Sample delivery (dd/mm/yyyy)	04.06.2018
<b>Certificate</b>	Certificate serial number	<b>RN0700-19-34</b>
	Delivered on (dd/mm/yyyy)	<i>14.03.2019</i>
	Valid till (dd/mm/yyyy)	<i>14.03.2023</i>
	Letter ref (NDS)	KCM7300-2019-18473

**Renault: Date, Name, Signature**

*14.03.2019*

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**Supplier commitment: Date, Name, Signature**

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*/Evgeniy Korneev/*

*Head of OEM*

*Department*



*12.03.2019*