



## Renault RN700 certificate

<b>Identification</b>	Supplier	OOO LLK-International
	Product name	LUKOIL GENESIS SPECIAL C3 5W-30
		<b>Confidential</b>
	ACEA	C3-12
1.1	Grade	5W-30

<b>Lab performance</b>	1.2	Shear stability	11.9
	1.3	HTHS	3.5
	1.4	Kinematic viscosity (40°C)	70.0
		Kinematic viscosity (100°C)	11.97
	1.5	Noack	9.4
	1.6	Calcium	1850
		Zinc	900
		Magnesium	0
		Sulphur	0.2
		Phosphorus	800
		Chlorine	20
		Molybdenum	70
		Barium	0
		Silicon	4
		Boron	70
	1.7	Sulphated Ash	0.8
	1.8	TAN	3.1
	1.9	TBN	8.0
	1.10	RE1 - FPM	PASS
		RE2/99 - ACM	PASS
RE3/04 - VMQ		-	
RE4 - NBR		PASS	
AEM - VAMAC		PASS	
1.11	Foaming Seq1	0/0	
	Foaming Seq2	10/0	
	Foaming Seq3	0/0	
1.12	Foaming Seq4	20/0	
1.13	CCS	5650@-30	
1.14	Pumping limit T* (MRV)	30000@-35	

<b>Lab performance (continued)</b>	1.15	Density	851
	1.16	Open-vessel flash point	226
	1.17	Pour point	-35
	1.18	Copper corrosion	1a
	1.19	Anti-wear properties	0.35
	1.20	De-airing	19
	1.21	Water content	<0.04
	1.22	Base oil type & ratio	100% Gr3
	1.23	TOC	Classe 2
	1.24	MCT	7.5 / 247

<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 2
	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>Registration</b>	Final Technical data (dd/mm/yyyy)	13.04.2018
	Sample delivery (dd/mm/yyyy)	13.04.2018
<b>Certificate</b>	Certificate serial number	<b>RN0700-18-30</b>
	Delivered on (dd/mm/yyyy)	<i>19.06.2018</i>
	Valid till (dd/mm/yyyy)	<i>19.06.2022</i>
	Letter reference	KCM7300-2018-17110

**Renault: Date, Name, Signature**

*19.06.2018*  
*Ruslan Makrius*

**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.

*03.05.2018*  
*Maxim Myskin*  
 Deputy CEO for development



## Renault RN710 certificate

<b>Identification</b>	Supplier	OOO LLK-International
	Product name	LUKOIL GENESIS SPECIAL C3 5W-30
		<b>Confidential</b>
	ACEA	C3-12
	1.1 Grade	5W-30

<b>Lab performance</b>	1.2	Shear stability	11.9
	1.3	HTHS	3.5
	1.4	Kinematic viscosity (40°C)	70.0
		Kinematic viscosity (100°C)	11.97
	1.5	Noack	9.4
	1.6	Calcium	1850
		Zinc	900
		Magnesium	0
		Sulphur	0.2
		Phosphorus	800
		Chlorine	20
		Molybdenum	70
		Barium	0
		Silicon	4
		Boron	70
	1.7	Sulphated Ash	0.8
	1.8	TAN	3.1
	1.9	TBN	8.0
	1.10	RE1 - FPM	PASS
		RE2/99 - ACM	PASS
RE3/04 - VMQ		-	
RE4 - NBR		PASS	
AEM - VAMAC		PASS	
1.11	Foaming Seq1	0/0	
	Foaming Seq2	10/0	
	Foaming Seq3	0/0	
1.12	Foaming Seq4	20/0	
1.13	CCS	5650@-30	
1.14	Pumping limit T* (MRV)	30000@-35	

<b>Lab performance (continued)</b>	1.15	Density	851
	1.16	Open-vessel flash point	226
	1.17	Pour point	-36
	1.18	Copper corrosion	1a
	1.19	Anti-wear properties	0.35
	1.20	De-airing	19
	1.21	Water content	<0.04
	1.22	Base oil type & ratio	100% Gr3
	1.23	TOC	Classe 2
	1.24	MCT	7.5 / 247

<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	2.2
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<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>Registration</b>	Final Technical data (dd/mm/yyyy)	13.04.2018
	Sample delivery (dd/mm/yyyy)	13.04.2018
<b>Certificate</b>	Certificate serial number	<b>RN0710-18-29</b>
	Delivered on (dd/mm/yyyy)	<i>19.06.2018</i>
	Valid till (dd/mm/yyyy)	<i>19.06.2022</i>
	Letter reference	KCM7300-2018-17110

**Renault: Date, Name, Signature**

*19.06.2018*  
*Rusu Marius*

**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.

*Maxim Myskin*  
*Deputy CEO*  
*for development*  
*04.06.2018*