



**LUKOIL**



**Renault RN710 certificate**

<b>Identification</b>	Supplier	<b>LUKOIL Lubricants</b>
	Product name	<b>GENESIS SPECIAL C3 5W-30</b>
		<i>CONFIDENTIAL</i>
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ACEA	C3-10	
1.1	Grade	5w30

<b>Lab performance</b>	1.2	Shear stability	12,20
	1.3	HTHS	3,60
	1.4	Kinematic viscosity (40°C)	74,1
		Kinematic viscosity (100°C)	12,40
	1.5	Noack	8,7
	1.6	Calcium	1833
		Zinc	888
		Magnesium	0
		Sulphur	0,20
		Phosphorus	800
		Chlorine	20
		Molybdenum	57
		Barium	0
		Silicon	5
		Boron	70
	1.7	Sulphated Ash	0,8
	1.8	TAN	2,2
	1.9	TBN	8
	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	90/0	
1.13	CCS	5530@-30	
1.14	Pumping limit T* (MRV)	21200@-35	

<b>Lab performance (continued)</b>	1.15	Density	852
	1.16	Open-vessel flash point	238
	1.17	Pour point	-48
	1.18	Copper corrosion	1a
	1.19	Anti-wear properties	0,49
	1.20	De-airing	13
	1.21	Water content	< 0,04
	1.22	Base oil type & ratio	<i>CONFIDENTIAL</i>
	1.23	TOC	Classe2
	1.24	MCT	8,0 / 250
	1.25	Auto-ignition T*	363

<b>ACEA Engine tests performance</b>	2.1	TUSJP 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	1,9
	2.6	DV4TD dispersivity	Pass
	2.7	OM646 Viscosity stability at 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)	01.03.2016
	Sample delivery (dd/mm/yyyy)	01.03.2016
<b>Certificate</b>	Certificate serial number	<b>RN0710-16-27</b>
	Delivered on (dd/mm/yyyy)	<i>07.06.2016</i>
	Valid till (dd/mm/yyyy)	<i>07.06.2020</i>
	Letter ref (NDS)	KCM7300-2016-13248

**Renault: Date, Name, Signature**

*07.06.2016*  
 AUTOMOBILE DACIA  
 DEPARTAMENTUL  
 MATERIE  
*[Signature]*

**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-authorized (self-agreement process) testing facilities.

*02.06.16*  
*[Signature]*  
 ООО «ЛУКОЙЛ-Интернешнл»  
 МОСКВА