



## Renault RN710 certificate



<b>Identification</b>	Supplier	OOO "LLK-International"
	Product name	<b>CONFIDENTIAL</b>
		Genesis Special
	ACEA	A3 / B4-08
1.1	Grade	5W-40

<b>Lab performance (continued)</b>	1.15	Density	852
	1.16	Open-vessel flash point	228
	1.17	Pour point	-39
	1.18	Copper corrosion	1a
	1.19	Anti-wear properties	0,47
	1.20	De-airing	25
	1.21	Water content	<0,04
	1.22	Base oil type & ratio	<b>CONFIDENTIAL</b>
	1.23	TOC	Classe 2
	1.24	MCT	9,3
	1.25	Auto-ignition T*	358

<b>Lab performance</b>	1.2	Shear stability	13,30
	1.3	HTHS	3,70
	1.4	Kinematic viscosity (40°C)	82,8
		Kinematic viscosity (100°C)	13,80
	1.5	Noack	10,2
	1.6	Calcium	2700
		Zinc	1050
		Magnesium	0
		Sulphur	0,20
		Phosphorus	950
		Chlorine	10
		Molybdenum	0
		Barium	0
	1.7	Silicon	5
		Boron	70
		Sulphated Ash	1,1
	1.8	TAN	2,6
	1.9	TBN	10,1
	1.10	RE1 - FPM	PASS (AK6)
		RE2/99 - ACM	PASS (ACM)
		RE3/04 - VMQ	PASS
		RE4 - NBR	PASS (NBR34)
		AEM - VAMAC	PASS (AEM)
1.11	Foaming Seq1	0 - 0	
	Foaming Seq2	10 - 0	
	Foaming Seq3	0 - 0	
1.12	Foaming Seq4	30 - 0	
1.13	CCS	5780 @ -30°C	
1.14	Pumping limit T* (MRV)	29300 @ -35	

<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	NR
	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	-
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<b>Renault Registration Data (to be filled by Renault's delegate only)</b>		
Registration	Final Technical data (dd/mm/yyyy)	12.05.2015
	Sample delivery (dd/mm/yyyy)	31.05.2010
Certificate	Certificate serial number	RN0710-10-25
	Delivered on (dd/mm/yyyy)	18/06/2015
	Valid till (dd/mm/yyyy)	18/06/2019
	Letter ref (NDS)	68150-2015-160

Renault: Date, Name, Signature

18/06/2015

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*Trichard*

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.



R&D Director



Dr. Andrey Sterkhov