



Renault RN720 certificate



Identification		Supplier	OOO "LLK-International"
		Product name	CONFIDENTIAL Genesis Special C4 CONFIDENTIAL
		ACEA	C4-10
	1.1	Grade	5w-30

Lab performance	1.2	Shear stability	11,5
	1.3	HTHS	3,51
	1.4	Kinematic viscosity (40°C)	68,1
		Kinematic viscosity (100°C)	11,7
	1.5	Noack	9,4
	1.6	Calcium	1216
		Zinc	500
		Magnesium	4
		Sulphur	0,19
		Phosphorus	447
		Chlorine	<5
		Molybdenum	1
		Barium	<10
		Silicon	7
	Boron	<10	
	1.7	Sulphated Ash	0,4
	1.8	TAN	1,1
	1.9	TBN	7,0
	1.10	RE1 - FPM	Pass (C3-04)
		RE2/99 - ACM	Pass (C3-04)
RE3/04 - VMQ		Pass (C3-04)	
RE4 - NBR		Pass (C3-04)	
AEM - VAMAC		Pass	
1.11	Foaming Seq1	0/0	
	Foaming Seq2	40/0	
	Foaming Seq3	0/0	
1.12	Foaming Seq4	90/0	
1.13	CCS	6150 @ -30	
1.14	Pumping limit T* (MRV)	27600 @ -35	

Lab performance (continued)	1.15	Density	852
	1.16	Open-vessel flash point	210
	1.17	Pour point	-33
	1.18	Copper corrosion	1a
	1.19	Anti-wear properties	0,43
	1.20	De-airing	29,5
	1.21	Water content	<0,04
	1.22	Base oil type & ratio	CONFIDENTIAL
	1.23	TOC	Classe 3
	1.24	MCT	8,5
	1.25	Auto-ignition T*	362

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	Pass
	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	Pass
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Renault Registration Data (to be filled by Renault's delegate only)		
Registration	Final Technical data (dd/mm/yyyy)	12.05.2015
	Sample delivery (dd/mm/yyyy)	29.06.2011
Certificate	Certificate serial number	RN0720-11-01
	Delivered on (dd/mm/yyyy)	<i>18/06/2015</i>
	Valid till (dd/mm/yyyy)	<i>18/06/2019</i>
	Letter ref (NDS)	68150-2015-160

Renault: Date, Name, Signature

18/06/2015

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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

[Signature]

Dr. Andrey Sterkhov