



Renault RN700 certificate



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

Lab performance	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
		Silicon	5
	Boron	70	
	1.7	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	

Lab performance (continued)	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	CONFIDENTIAL
	1.23	TOC	Classe 2
	1.24	MCT	9,3
	1.25	Auto-ignition T*	358

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	NR
	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	-
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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)	31.05.2010
Certificate	Certificate serial number	RN0700-10-48
	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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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