



Renault RN710 certificate

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

Lab performance	1.2	Shear stability	13,5
	1.3	HTHS	3,6
	1.4	Kinematic viscosity (40°C)	71,7
		Kinematic viscosity (100°C)	13,9
	1.5	Noack	8,7
	1.6	Calcium	1800
		Zinc	900
		Magnesium	0
		Sulphur	0,20
		Phosphorus	800
		Chlorine	10
		Molybdenum	0
		Barium	0
		Silicon	6
	Boron	76	
	1.7	Sulphated Ash	0,8
	1.8	TAN	2,5
	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	30/0	
1.13	CCS	5690@-30	
1.14	Pumping limit T* (MRV)	31900@-35	

Lab performance (continued)	1.15	Density	850,1
	1.16	Open-vessel flash point	244
	1.17	Pour point	-42
	1.18	Copper corrosion	1a
	1.19	Anti-wear properties	0,45
	1.20	De-airing	25
	1.21	Water content	<0.04
	1.22	Base oil type & ratio	Grp III / 100%
	1.23	TOC	Classe 2
	1.24	MCT	7,3
	1.25	Auto-ignition T*	344

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 (OM646)

LLR	3.1	Renault LLR	NA
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Renault Registration Data (to be filled by Renault's delegate only)		
Registration	Final Technical data (dd/mm/yyyy)	25.02.2019
	Sample delivery (dd/mm/yyyy)	27.05.2011
Certificate	Certificate serial number	RN0710-19-32
	Delivered on (dd/mm/yyyy)	14.03.2019
	Valid till (dd/mm/yyyy)	14.03.2023
	Letter ref (NDS)	KCM7300-2019-18473

Renault: Date, Name, Signature

14.03.2019
Ruslan M...

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.

/Evgeniy Korneev/
Head of OEM
Department

12.03.2019



Renault RN700 certificate

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	RE2/99 - ACM	PASS
	RE3/04 - VMQ	PASS
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	Foaming Seq3	0/0
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/Ergeniy Korneev/
Head of OEM
Department
12.03.2019