



Renault RN700 certificate

Identification	Supplier	OOO"LLK-International"
	Product name	Confidential Confidential Lukoil Genesis Armortech FD 5W-30 Confidential
	ACEA	A5/B5-08
	Grade	5W-30

Lab performance	Kinematic viscosity (40°C)	52.3	
	Kinematic viscosity (100°C)	9.5	
	1.2 Shear stability	9.4	
	1.3 HTHS	2.9	
	1.4 Noack	12.6	
	1.5	Calcium	2720
		Zinc	1110
		Magnesium	0
	1.6 Sulphur	0.26	
	1.6 Phosphorus	995	
	1.7 Sulphated Ash	1.1	
	1.8 Chlorine	<50	
	TAN	2.8	
	1.9 TBN	10.0	
	1.10	RE1 - FPM	PASS
		RE2/99 - ACM	PASS
RE3/04 - VMQ		PASS	
RE4 - NBR		PASS	
AEM - VAMAC		PASS	
Foaming Seq1		0 - 0	
	Foaming Seq2	30 - 0	
	Foaming Seq3	0 - 0	
1.12 Foaming Seq4	100 - 0		
1.13 CCS	3670 @ -30°C		
1.14 Pumping limit T° (MRV)	18700 @ -35°C		
1.15 Density	849.6		
1.16 Open-vessel flash point	222		

Lab performance (continued)	1.17	Pour point	-39
	1.18	Copper corrosion	1a
	1.19	Anti-wear properties	0.3
	1.20	De-airing	32
	1.21	Water content	< 0.04
	1.22	Base oil type & ratio	100% Gr. III
	1.23	TOC	Classe 2
	1.24	MCT	8.0 / 255
1.25	Auto-ignition T°	349	

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	2.7
	2.6	DV4TD dispersivity	PASS
	2.7	VW DI piston cleanliness & ring sticking	PASS
	2.8	OM602A viscosity & oil consumption	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)	25.02.2019
	Sample delivery (dd/mm/yyyy)	01.03.2016
Certificate	Certificate serial number	RN0700-19-32
	Delivered on (dd/mm/yyyy)	14.03.2019
	Valid till (dd/mm/yyyy)	19.03.2023
	Letter ref (NDS)	KCM7300-2019-18473

Renault: Date, Name, Signature

14.03.2019
Lum Myrtes

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.

12.03.2019
Evgeniy Korneev
Head of OEM
Department