



## Renault RN0700 certificate

Identification	Supplier	<b>LUKOIL Lubricants</b>
	Product name	<b>GENESIS ARMORTECH AB/B5 5W-30</b>
		<i>CONFIDENTIAL</i>
	ACEA	A5/B5-08
1.1	Grade	5w30

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
		Calcium	2720
		Zinc	1110
		Magnesium	0
	1.5	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	<i>CONFIDENTIAL</i>
	1.23	TOC	Classe 2
	1.24	MCT	8
	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)	01.03.2016
	Sample delivery (dd/mm/yyyy)	01.03.2016
Certificate	Certificate serial number	<b>RN0700-16-33</b>
	Delivered on (dd/mm/yyyy)	<i>07.06.2016</i>
	Valid till (dd/mm/yyyy)	<i>07.06.2020</i>
	Letter reference	KCM7300-2016-13248

Renault: Date, Name, Signature

*07.06.2016*

*John Nadeau*

AUTOMOBILE  
DEPARTMENT CARE  
MOTOR OIL

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.

*07.06.2016*

*Sterkhov*

ЛУКОЙЛ-Интернешнл  
ЛУКОЙЛ  
МОСКВА