



Renault RN17 certificate

Identification	Supplier	WOLF OIL Corporation NV
	Product name	WOLF OFFICIALTECH 5W-30 C2/C3 P/RN (65658)
	ACEA	C3-21
	Grade	5W30

Lab performance	Shear stability	11,14
	HTHS	3.55
	Kinematic viscosity (40°C)	73.11
	Kinematic viscosity (100°C)	12.26
	Noack	10.2
	Calcium	730
	Zinc	790
	Magnesium	530
	Sulphur	1980
	Phosphorus	700
	Chlorine	14
	Molybdenum	38
	Barium	<10
	Silicon	6
	Boron	221
	Potassium	<10
	Sodium	<10
	Nitrogen	1600
	Sulphated Ash	0.7
	TAN	1.0
	TBN	8.5
	RE6 (FKM)	PASS
	RE7 (ACM)	PASS
	RE8 (HNBR)	PASS
	RE9 (AEM)	PASS
	Foaming Seq1	0/0
	Foaming Seq2	10/0
	Foaming Seq3	0/0
	Foaming Seq4	80/0
	CCS	6090 @ -30°C
Pumping limit T° (MRV)	17900 @ -35°C	

Lab performance (continued)	Density	851.7
	Open-vessel flash point	237
	Pour point	-45
	HTCBT	PASS
	De-airing	19.2
	Water content	0.02
	Base oil type & ratio	100% Gr.III
	TOC	Class 4
	MCT	7.2 / 256

ACEA Engine tests performance	EP6CDT high temperature deposits	PASS
	Sequence VH low temperature sludge	PASS
	Valvetrain Wear Seq. IVB	PASS
	M271 EVO black sludge	PASS (M271)
	M111 fuel economy	2.5
	DV6 dispersivity	PASS
	VW DI piston cleanliness & ring sticking	PASS (VW TDI2)

LLR	Renault LLR test	PASS
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RFF wear	Renault RFF test	PASS
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Fuel economy	Renault FE test	NR
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Renault Registration Data (to be filled by Renault's delegate only)		
Registration	Final Technical data (dd/mm/yyyy)	04.12.2023
	Sample delivery (dd/mm/yyyy)	14.12.2023
Certificate	Certificate serial number	RN17-23-22
	Delivered on (dd/mm/yyyy)	18.12.2023
	Valid till (dd/mm/yyyy)	18.12.2027
	Letter reference	QBT7300-2023-00100154

Renault : Date, Name, Signature
18.12.2023 Gabriel Alexandru SERBAN

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.
 Katleen Adriaenssens 08/12/2023