



RENAULT RN700 SN° RN700-25-67

SUPPLIER	Champion Chemicals N.V.
COMMERCIAL NAMES	CHAMPION OEM SPECIFIC 5W30 MS-F
FORMULA CODE	65609
ACEA	A5/B5-23
VALIDITY	01.12.2028

Laboratory Performance			
1.01 SAE Viscosity Grade	5W-30	1.14 Low Temp. Cranking Viscosity (CCS)	3780 @-30°C
1.02 Shear Stability	9.4	1.15 Low Temp. Pumping Viscosity (MRV)	14700 @-35°C
1.03 HTHS (150°C)	2.9	1.16 Density (at 15°C)	847
1.04 HTHS (100°C)	6.4	1.17 Open-cup Flash Point	234
1.05 Kinematic viscosity 40°C	52	1.18 Pour Point	-39
1.05 Kinematic viscosity 100°C	9.6	1.19 Copper Corrosion	1a
1.06 Noack	11.7	1.20 Anti-Wear Properties	0.4
1.07 Element Content	PASS	1.21 De-airing	13
1.08 Sulphated Ash	1	1.22 Water content, %	0.01
1.09 TAN	2.5	1.23 Water content, ppm	328
1.10 TBN	12.3	1.24 Base Oil Type & Ratio	100% Gr. III
1.10 TBN	10.2	1.25 TOC	Class 2
1.11 Oil-Elastomer Compatibility	PASS	1.26 MCT	7.4 / 244
1.12 Foaming Seq. I, II, III	PASS	1.27 Oil Oxidation with Biodiesel	PASS
1.13 Foaming Seq. IV	PASS	1.28 Low Temp. Pumping Viscosity	15300 @-35°C

ACEA Engine Test 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	2.6
DV6C Dispersibility	PASS
VW DI Piston Cleanliness & Ring Sticking	PASS (VW TDI2)
OM646LA Diesel Engine Wear	PASS

Engine Tests	
Renault LLR	NR
Renault REF	NR
Renault FE	NR

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