

# Certificate of Analysis

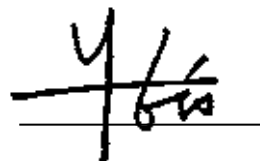
PRODUCT : S-OIL 7 GOLD #9 C3 5W-40-EX (200)  
 CERT. NO. : 20211229-0008      D A T E : 2021/12/29  
 CUSTOMER : S-OIL      TANK No. : OBT-11  
 DATE SAMPLED : 2021/11/19      LOT No. : 214396

TEST ITEMS	UNIT	TEST METHOD	RESULTS
Color		ASTM D 1500	L2.5
Density, 15	g/cm <sup>3</sup>	ASTM D 4052	0.8520
Viscosity, 40	cSt	ASTM D 445	77.57
Viscosity, 100	cSt	ASTM D 445	13.42
Viscosity Index		ASTM D 2270	177
Pour Point		ASTM D 97	-39
Flash Point, COC		ASTM D 92	234
C.C.S., -30	cP	ASTM D 5293	6350
T.B.N	mgKOH/g	ASTM D 2896	7.10
Foaming Test Tendency/Stability, Sequence 1	ml	ASTM D 892	10/0
Foaming Test Tendency/Stability, Sequence 2	ml	ASTM D 892	20/0
Foaming Test Tendency/Stability, Sequence 3	ml	ASTM D 892	10/0

- End of analytical results -

I CERTIFY THE ABOVE TEST RESULTS ARE TRUE AND CORRECT.

Chief Chemist  
JB.Shin



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