

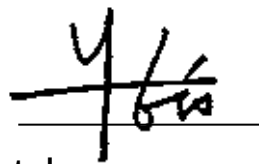
Certificate of Analysis

PRODUCT : S-OIL 7 RED #9 SN PLUS 5W-30-EX (200)
CERT. NO. : 20220622-0014 D A T E : 2022/06/22
CUSTOMER : S-OIL TANK No. : IBT-04
DATE SAMPLED : 2019/10/30 LOT No. : 194060

TEST ITEMS	UNIT	TEST METHOD	RESULTS
Color		ASTM D 1500	L2.0
Density, 15	g/cm ³	ASTM D 4052	0.8481
Viscosity, 40	cSt	ASTM D 445	60.44
Viscosity, 100	cSt	ASTM D 445	10.49
Viscosity Index		ASTM D 2270	164
C.C.S., -35	cP	ASTM D 5293	5150
T.B.N	mgKOH/g	ASTM D 2896	8.00
Flash Point, COC		ASTM D 92	236
Pour Point		ASTM D 97	-39
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

I CERTIFY THE ABOVE TEST RESULTS ARE TRUE AND CORRECT.

Chief Chemist
JB.Shin



S-OIL TotalEnergies Lubricants Co., Ltd.

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