

Certificate of Analysis

PRODUCT : S-OIL 7 RED #9 SN OW-20-EX (P4x4)

CERT. NO. : 20250801-0064

D A T E : 2025/08/01

CUSTOMER : S-OIL

TANK No. : IBT-03

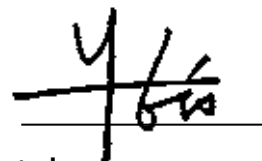
DATE SAMPLED : 2023/09/20

LOT No. : 233479

TEST ITEMS	UNIT	TEST METHOD	RESULTS
Color		ASTM D 1500	L3.0
Density, 15	g/cm ³	ASTM D 4052	0.8468
Viscosity, 40	cSt	ASTM D 445	43.70
Viscosity, 100	cSt	ASTM D 445	8.315
Viscosity Index		ASTM D 2270	169
C.C.S., -35	cP	ASTM D 5293	5630
T.B.N	mgKOH/g	ASTM D 2896	7.16
Flash Point, COC		ASTM D 92	232
Pour Point		ASTM D 97	-45
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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