

Certificate of Analysis

PRODUCT : S-OIL 7 BLACK #9 LS 10W-40-EX (20)

CERT. NO. : 20240405-0014

D A T E : 2024/04/05

CUSTOMER : S-OIL

TANK No. : IBT-05

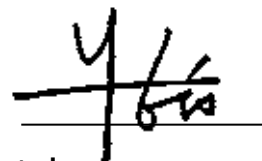
DATE SAMPLED : 2023/11/24

LOT No. : 234313

TEST ITEMS	UNIT	TEST METHOD	RESULTS
Color		ASTM D 1500	3.0
Density, 15	g/cm ³	ASTM D 4052	0.8583
Viscosity, 40	cSt	ASTM D 445	97.43
Viscosity, 100	cSt	ASTM D 445	14.95
Viscosity Index		ASTM D 2270	161
C.C.S., -25	cP	ASTM D 5293	5380
T.B.N	mgKOH/g	ASTM D 2896	12.85
Flash Point, COC		ASTM D 92	244
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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