

Certificate of Analysis

PRODUCT : S-OIL 7 BLUE #7 CJ-4 15W-40-EX (200)

CERT. NO. : 20220622-0047

D A T E : 2022/06/22

CUSTOMER : S-OIL

TANK No. : IBT-03

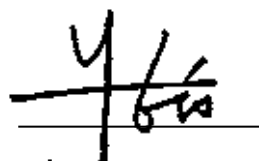
DATE SAMPLED : 2020/08/26

LOT No. : 202862

TEST ITEMS	UNIT	TEST METHOD	RESULTS
Color		ASTM D 1500	L3.5
Density, 15	g/cm ³	ASTM D 4052	0.8700
Viscosity, 40	cSt	ASTM D 445	113.3
Viscosity, 100	cSt	ASTM D 445	15.46
Viscosity Index		ASTM D 2270	144
C.C.S., -20	cP	ASTM D 5293	5360
T.B.N	mgKOH/g	ASTM D 2896	8.69
Flash Point, COC		ASTM D 92	250
Pour Point		ASTM D 97	-36
Foaming Test Tendency/Stability, Sequence 1	ml	ASTM D 892	10/0
Foaming Test Tendency/Stability, Sequence 2	ml	ASTM D 892	10/0
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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