

Certificate of Analysis

PRODUCT : S-OIL 7 BLUE #7 CH-4 10W-30-EX (200)

CERT. NO. : 20220622-0049

D A T E : 2022/06/22

CUSTOMER : S-OIL

TANK No. : IBT-06

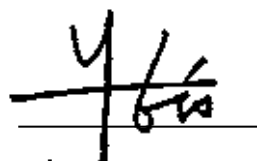
DATE SAMPLED : 2020/09/10

LOT No. : 203103

TEST ITEMS	UNIT	TEST METHOD	RESULTS
Color		ASTM D 1500	L4.0
Density, 15	g/cm ³	ASTM D 4052	0.8698
Viscosity, 40	cSt	ASTM D 445	80.80
Viscosity, 100	cSt	ASTM D 445	12.25
Viscosity Index		ASTM D 2270	148
Pour Point		ASTM D 97	-39
Flash Point, COC		ASTM D 92	228
C.C.S., -25	cP	ASTM D 5293	5860
T.B.N	mgKOH/g	ASTM D 2896	11.00
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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