

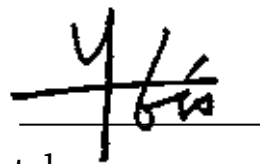
Certificate of Analysis

PRODUCT : S-OIL 7 RED #9 LPG 10W-40-EX (200)
CERT. NO. : 20220622-0021 D A T E : 2022/06/22
CUSTOMER : S-OIL (주) 온산공장 TANK No. : IBT-06
DATE SAMPLED : 2021/02/09 LOT No. : 210552

TEST ITEMS	UNIT	TEST METHOD	RESULTS
Color		ASTM D 1500	L3.0
Density, 15℃	g/cm ³	ASTM D 4052	0.8543
Viscosity, 40℃	cSt	ASTM D 445	103.6
Viscosity, 100℃	cSt	ASTM D 445	15.47
Viscosity Index		ASTM D 2270	158
C.C.S., -25℃	cP	ASTM D 5293	6460
T.B.N	mgKOH/g	ASTM D 2896	7.47
Flash Point, COC	℃	ASTM D 92	248
Pour Point	℃	ASTM D 97	-33
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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