

Certificate of Analysis

PRODUCT : S-OIL 7 GOLD #9 PAO A3/B4 0W-40-EX (200)

CERT. NO. : 20220622-0031

D A T E : 2022/06/22

CUSTOMER : S-OIL (주) 온산공장

TANK No. : IBT-04

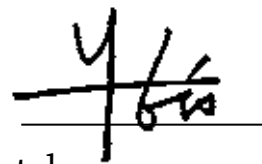
DATE SAMPLED : 2022/04/19

LOT No. : 221380

TEST ITEMS	UNIT	TEST METHOD	RESULTS
Color		ASTM D 1500	L2.5
Density, 15℃	g/cm ³	ASTM D 4052	0.8487
Viscosity, 40℃	cSt	ASTM D 445	76.61
Viscosity, 100℃	cSt	ASTM D 445	13.52
Viscosity Index		ASTM D 2270	181
C.C.S., -35℃	cP	ASTM D 5293	5940
T.B.N	mgKOH/g	ASTM D 2896	9.99
Flash Point, COC	℃	ASTM D 92	234
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.

Head Office : 16F, HSBC Building, 37, Chilpae-ro, Jung-gu, Seoul, Korea Tel.+82 2 6320 2000 Fax. +82 2 6320 2100
Plant : 436, Dangwol-ro, Onsan-eup, Ulju-gun, Ulsan, Korea Tel.+82 52 240 3133 Fax. +82 52 240 3134