



Certificate of Analysis

PRODUCT : S-OIL 7 RED #9 SP 5W-20 (4x4)

CERT. NO. : 250730093239

DATE : 2025/07/30

CUSTOMER : S-OIL(주)온산공장

TANK No. : BL 03

DATE SAMPLED : 2025/03/25

LOT No. : 257230

TEST ITEMS	UNIT	TEST METHOD	RESULTS
Color	-	ASTM D1500	L 2.5
Density, 15°C	g/cm ³	ASTM D4052	0.8512
Kinematic Viscosity @40°C	cSt	ASTM D445	48.85
Kinematic Viscosity @100°C	cSt	ASTM D445	8.687
Viscosity Index	null	ASTM D2270	157
CCS viscosity @-25°C	cP	ASTM D5293	5320
T.B.N	mgKOH/g	ASTM D2896	7.13
Flash point COC	°C	ASTM D92	238
Pour Point	°C	ASTM D6749	-39
Foaming Tendency/Stability Seq1	ml	ASTM D892	10/0
Foaming Tendency/Stability Seq2	ml	ASTM D892	20/0
Foaming Tendency/Stability Seq3	ml	ASTM D892	10/0

- End of analytical results -

S-OIL Corporation

Signed
by

T. H. KIM / Team Leader
Lube R&D Team

S-OIL CORPORATION