

Certificate of Analysis

PRODUCT : S-OIL 7 RED #9 SQ 5W-30-EX (1x12)
CERT. NO. : 20260113-0014 D A T E : 2026/01/13
CUSTOMER : S-OIL (주) 온산공장 TANK No. : OBT-11
DATE SAMPLED : 2025/11/18 LOT No. : 254128

TEST ITEMS	UNIT	TEST METHOD	RESULTS
Aspect		Visual	Limpid
Color		ASTM D 1500	L2.5
Density, 15°C	g/cm ³	ASTM D 4052	0.8496
Kinematic Viscosity, 40°C	cSt	ASTM D 445	58.46
Kinematic Viscosity, 100°C	cSt	ASTM D 445	10.00
Viscosity Index		ASTM D 2270	158
C.C.S., -30°C	cP	ASTM D 5293	5890
T.B.N	mgKOH/g	ASTM D 2896	6.57
Flash Point, COC	°C	ASTM D 92	240
Pour Point	°C	ASTM D 97	-36
Evaporative Loss (NOACK)	wt%	ASTM D 5800	7.21

I CERTIFY THE ABOVE TEST RESULTS ARE TRUE AND CORRECT.

Chief Chemist
QCT leader



S-OIL TotalEnergies Lubricants Co., Ltd.

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