

Certificate of Analysis

PRODUCT : S-OIL 7 RED #9 SN 5W-30-EX

CERT. NO. : 20200302-0013

D A T E : 2020/03/02

CUSTOMER : S-OIL (주) 온산공장

TANK No. : IBT-04

DATE SAMPLED : 2020/02/18

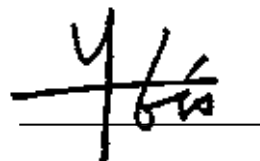
LOT No. : 200572

TEST ITEMS	UNIT	TEST METHOD	RESULTS
Color		ASTM D 1500	L2.0
Density, 15℃	g/cm ³	ASTM D 4052	0.8487
Viscosity, 40℃	cSt	ASTM D 445	59.51
Viscosity, 100℃	cSt	ASTM D 445	10.27
Viscosity Index		ASTM D 2270	162
C.C.S., -30℃	cP	ASTM D 5293	5040
T.B.N	mgKOH/g	ASTM D 2896	7.39
Flash Point, COC	℃	ASTM D 92	234
Pour Point	℃	ASTM D 97	-39
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

- End of analytical results -

I CERTIFY THE ABOVE TEST RESULTS ARE TRUE AND CORRECT.

Chief Chemist
JB.Shin



S-OIL TOTAL 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