

Certificate of Analysis

PRODUCT : S-OIL 7 RED #7 SN 10W-30-EX (P1x12)

CERT. NO. : 20191209-0010

D A T E : 2020/01/29

CUSTOMER : S-OIL

TANK No. : KD(BLENDING)

DATE SAMPLED : 2020/01/21

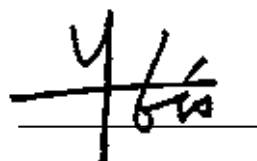
LOT No. : 199166

TEST ITEMS	UNIT	TEST METHOD	RESULTS
Color		ASTM D 1500	L1.5
Density, 15	g/cm ³	ASTM D 4052	0.8508
Viscosity, 40	cSt	ASTM D 445	62.85
Viscosity, 100	cSt	ASTM D 445	10.13
Viscosity Index		ASTM D 2270	148
C.C.S., -25	cP	ASTM D 5293	4200
T.B.N	mgKOH/g	ASTM D 2896	7.84
Flash Point, COC		ASTM D 92	244
Pour Point		ASTM D 97	-30
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