

Certificate of Analysis

PRODUCT : S-OIL 7 RED #7 SN 5W-40-EX

CERT. NO. : 20200302-0014

D A T E : 2020/03/02

CUSTOMER : S-OIL

TANK No. : OBT-12

DATE SAMPLED : 2020/02/21

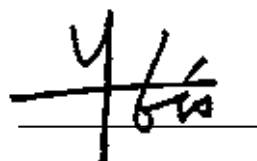
LOT No. : 200645

TEST ITEMS	UNIT	TEST METHOD	RESULTS
Color		ASTM D 1500	L2.0
Density, 15	g/cm ³	ASTM D 4052	0.8489
Viscosity, 40	cSt	ASTM D 445	86.73
Viscosity, 100	cSt	ASTM D 445	14.35
Viscosity Index		ASTM D 2270	172
Pour Point		ASTM D 97	-39
Flash Point, COC		ASTM D 92	238
C.C.S., -30	cP	ASTM D 5293	5600
T.B.N	mgKOH/g	ASTM D 2896	7.72
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
H.T.H.S viscosity, 150	cP	ASTM D 4683	3.6

- End of analytical results -

I CERTIFY THE ABOVE TEST RESULTS ARE TRUE AND CORRECT.

Chief Chemist
JB.Shin



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