

Certificate of Analysis

PRODUCT : S-OIL 7 RED #9 SN 5W-50-EX

CERT. NO. : 20191128-0006

D A T E : 2019/11/28

CUSTOMER : S-OIL

TANK No. : IBT-03

DATE SAMPLED : 2019/11/22

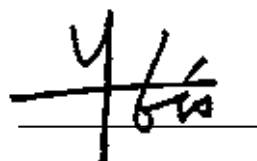
LOT No. : 194416

TEST ITEMS	UNIT	TEST METHOD	RESULTS
Color		ASTM D 1500	L2.0
Density, 15	g/cm ³	ASTM D 4052	0.8484
Viscosity, 40	cSt	ASTM D 445	110.1
Viscosity, 100	cSt	ASTM D 445	17.57
Viscosity Index		ASTM D 2270	176
C.C.S., -30	cP	ASTM D 5293	6400
T.B.N	mgKOH/g	ASTM D 2896	7.34
Flash Point, COC		ASTM D 92	246
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



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