

Certificate of Analysis

PRODUCT : S-OIL 7 BLUE #5 CF-4/SG 20W-50-EX (20)

CERT. NO. : 20211110-0010

D A T E : 2021/11/10

CUSTOMER : S-OIL

TANK No. : IBT-04

DATE SAMPLED : 2021/10/20

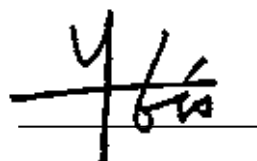
LOT No. : 213951

TEST ITEMS	UNIT	TEST METHOD	RESULTS
Color		ASTM D 1500	L3.5
Density, 15	g/cm ³	ASTM D 4052	0.8807
Viscosity, 40	cSt	ASTM D 445	169.2
Viscosity, 100	cSt	ASTM D 445	19.01
Viscosity Index		ASTM D 2270	127
C.C.S., -15	cP	ASTM D 5293	7810
T.B.N	mgKOH/g	ASTM D 2896	8.12
Flash Point, COC		ASTM D 92	254
Pour Point		ASTM D 97	-27
Foaming Test Tendency/Stability, Sequence 1	ml	ASTM D 892	20/0
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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