

CERTIFICATE OF ANALYSIS



ENEOS

Product Name Suzuki Ecstar Marine FCW Semi Synthetic 10W40

Lot Number NL25M024

Date of Manufacture 12/5/2025

TEST ITEM	METHOD	SPECIFICATION		RESULTS	UNITS
		MIN	MAX		
Appearance	Visual	C & B	--	C & B	--
Color (ASTM)	ASTM D1500	Report	--	L2.5	--
Density 15°C	ASTM D4052	Report	--	0.8652	g/cm3
Flash Point (COC)	ASTM D92	200	--	226	°C
Kinematic Viscosity, 40°C	ASTM D445	Report	--	92.6	cSt
Kinematic Viscosity, 100°C	ASTM D445	12.5	15.5	14.06	cSt
Viscosity Index	ASTM D2270	Report	--	156	--
CCS Viscosity, -25°C	ASTM D5293	--	7000	5553	mPa·s
TAN	ASTM D664	Report	--	2.20	mgKOH/g
TBN (HClO4)	ASTM D2896	Report	--	7.55	mgKOH/g
Pour Point	ASTM D5950	--	-20	-42	°C
Foaming Tendency Seq. I	ASTM D892 IP 146	--	10	0	ml
Foaming Stability Seq. I	ASTM D892 IP 146	--	0	0	ml
Foaming Tendency Seq. II	ASTM D892 IP 146	--	50	0	ml
Foaming Stability Seq. II	ASTM D892 IP 146	--	0	0	ml
Foaming Tendency Seq. III	ASTM D892 IP 146	--	10	0	ml
Foaming Stability Seq. III	ASTM D892 IP 146	--	0	0	ml
NOACK - 250°C, 1 Hr	ASTM D5800	Report	--	11	mass%
Elemental Analysis - B	ASTM D4951	Report	--	0.020	mass%
Elemental Analysis - Ca	ASTM D4951	Report	--	0.211	mass%
Elemental Analysis - P	ASTM D4951	Report	--	0.09	mass%
Elemental Analysis - S	ASTM D4951	Report	--	0.27	mass%
Elemental Analysis - Zn	ASTM D4951	Report	--	0.11	mass%
*1 MRV Viscosity, -30°C	ASTM D4684 (A)	--	60000	21,688	mPa · s
*2 Elemental Analysis - N	ASTM D4629	Report	--	0.07	mass%
*2 TBS Viscosity, 150°C	ASTM D4683	3.5	--	4.0	mPa · s

Notes

*1 This property is measured at 3 month intervals, and the most recent measured value is shown here.

*2 This property is measured at 6 month intervals, and the most recent measured value is shown here.

ENEOS USA Inc.

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