

**ENEOS USA Inc.**[Ene-ohs]
20 N. Martingale Rd, Suite 325, Schaumburg, IL 60173**SP4-M***Logged REC 12/12
BOL XFR-44602***CERTIFICATE OF ANALYSIS**Product Name
Manufacture Date
Lot/Batch Number**ATF SP-4(M)**

12/5/2025

NL25M027

TEST	METHOD	SPECIFICATION	RESULTS	UNITS
Density, 15°C	ASTM D4052	Report	<u>0.844</u>	g/cm ³
Color	Visual	Red	Red	
Flash Point	ASTM D92	≥175	208	°C
Kinematic Viscosity, 40°C	ASTM D445	20 - 24	<u>24</u>	mm ² /s
Kinematic Viscosity, 100°C	ASTM D445	5.3 - 5.5	<u>5.4</u>	mm ² /s
Viscosity Index	ASTM D2270	≥150	178	
Total Acid Number	ASTM D664	Report	1.69	mgKOH/g
Total Base Number (HClO4)	ASTM D2896	Report	5.50	mgKOH/g
Aniline Point	ASTM D611	≥95	108.40	°C
Water Content (KF)	ASTM D6304	≤0.10	0.005	mass%
Foaming SEQ I	ASTM D892	≤30 / 0	0 / 0	ml/ml
Foaming SEQ II	ASTM D892	≤30 / 0	30 / 0	ml/ml
Foaming SEQ III	ASTM D892	≤30 / 0	0 / 0	ml/ml
Elemental Analysis - B	ASTM D4951	Report	84	ppm
Elemental Analysis - Ba	ASTM D4951	Report	0.002	mass%
Elemental Analysis - Ca	ASTM D4951	Report	237	ppm
Elemental Analysis - Mg	ASTM D4951	Report	0.001	mass%
Elemental Analysis - P	ASTM D4951	Report	300	ppm
Elemental Analysis - S	ASTM D4951	Report	0.25	mass%
Elemental Analysis - Zn	ASTM D4951	Report	0.001	mass%
Brookfield Viscosity, -40°C	ASTM D2983	≤10000	7,498	mPa·s

Joy Rogers
Quality Control ManagerFM-QC-197
Rev. 1
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