ENEOS USA Inc.
[E•ne•ohs]
20 N. Martingale Rd, Suite 325, Schaumburg, IL 60173

CERTIFICATE OF ANALYSIS

Product Name	ATF SP-4(M)
Manufacture Date	10/7/2026
Lot/Batch Number	NL26K025

TEST	METHOD	SPECIFICATION	RESULTS	UNITS
Density, 15°C	ASTM D4052	Report	0.847	g/cm^3
Color	Visual	Red	Red	
Flash Point	ASTM D92	≥175	206	°C
Kinematic Viscosity, 40°C	ASTM D445	20 - 24	24	mm^2/s
Kinematic Viscosity, 100°C	ASTM D445	5.3 - 5.5	5.5	mm^2/s
Viscosity Index	ASTM D2270	≥150	178	
Total Acid Number	ASTM D664	Report	1.91	mgKOH/g
Total Base Number (HClO4)	ASTM D2896	Report	5.26	mgKOH/g
Aniline Point	ASTM D611	≥95	104.65	°C
Water Content (KF)	ASTM D6304	≤0.10	0.021	mass%
Foaming SEQ I	ASTM D892	≤30 / 0	0 / 0	ml/ml
Foaming SEQ II	ASTM D892	≤30 / 0	10 / 0	ml/ml
Foaming SEQ III	ASTM D892	≤30 / 0	0 / 0	ml/ml
Elemental Analysis - B	ASTM D4951	Report	85	ppm
Elemental Analysis - Ba	ASTM D4951	Report	0.002	mass%
Elemental Analysis - Ca	ASTM D4951	Report	230	ppm
Elemental Analysis - Mg	ASTM D4951	Report	<0.001	mass%
Elemental Analysis - P	ASTM D4951	Report	318	ppm
Elemental Analysis - S	ASTM D4951	Report	0.24	mass%
Elemental Analysis - Zn	ASTM D4951	Report	<0.001	mass%
Brookfield Viscosity, -40°C	ASTM D2983	≤10000	7,452	mPa·s

Joy Rogers
Quality Control Manager