

<b>Client:</b>	ATMI / Curoil N.V.	<b>Date Sampled :</b>	December 27, 2023
<b>Job Location:</b>	Emmastad, Curacao	<b>Date Submitted :</b>	December 27, 2023
<b>Product:</b>	Premium Unleaded Gasoline	<b>Date Tested :</b>	December 27, 2023
<b>Sample Description:</b>	Volumetric Vessel Composite	<b>Date Issued :</b>	December 27, 2023
<b>Product Source</b>	Vessel SeaFrontier, Tanks 3P /3S /Slop P / Slop S		

Test	Method	Specification		Results	Units
		Minimum	Maximum		
Specific Gravity 60/60 °F	ASTM D4052			0.7488	
API Gravity @ 60F	ASTM D4052			57.5	
Density at 15°C	ASTM D4052	720.0	775.0	748.5	kg/m3
RON	ASTM D2699	95.0		95.3	RON
MON	ASTM D2700	85.0		86.7	MON
1/2 (RON+MON)	ASTM D2699 / 2700			91.0	ON
Appearance				Clear and Bright	
Distillation					
	IBP ASTM D86	30		34.5	°C
	10 % recovered at ASTM D86	40	70	53.4	°C
	50 % recovered at ASTM D86	80	115	88.9	°C
	90 % recovered at ASTM D86		180	164.3	°C
	FBP ASTM D86		215	199.1	°C
	Evaporated to 70°C ASTM D86			33.1	%v
	Residue ASTM D86		2	1.1	%v
Vapour Pressure (DVPE)	ASTM D5191		8.7	8.07	PSI
Olefines	ASTM D1319		18.0	5.3	%v
Aromatics	ASTM D1319		35.0	27.2	%v
Olefines and Aromatics	ASTM D1319		45.0	32.5	%v
Mercaptan Sulphur	ASTM D3227		0.0015	0.0002	%m
Doctor Test	ASTM D4952	Negative		Negative	
Existent gum	ASTM D381		4.0	1.0	mg/100mL
Induction Period	ASTM D525	360		>360	min
Copper corrosion 3h/50 °C	ASTM D130		1	1A	
Odour	INTERN	Marketable		Marketable	

Be advised that the above tests were performed at Curacao Refinery Utilities Laboratory, by their personnel, and merely observed by Intertek whose sole responsibility is to observe that the testing is conducted on the correct sample. Intertek is not responsible for the accuracy of any results, the condition of any equipment nor the proficiency of any operator, and lists any data, calculations and results as presented. Intertek cannot accept any responsibility for tests not performed in its own laboratories, but remains available to perform such testing should independent results be required.


