

Client:	ATMI / Curoil N.V.	Date Sampled :	May 21, 2024
Job Location:	Emmastad	Date Submitted :	May 21, 2024
Product:	Premium Unleaded Gasoline	Date Tested :	May 21, 2024
Product source:	Vessel MT Maersk Maru	Date Issued :	May 21, 2024
Sample Description : Volumetric Vessel Composite			

Test	Method	Specification		Results	Units
		Minimum	Maximum		
Specific Gravity at 60/60°F	ASTM D4052			0.7499	
API at 60°F	ASTM D4052	Report		57.2	Degrees
Density at 15°C	ASTM D4052	720.0	775.0	749.6	kg/m3
Appearance	Visual	Clear & Bright		Clear & Bright	
Copper Strip 3 Hr/50°C	ASTM D130		1	1A	
Distillation	ASTM D86				
Distillation IBP	ASTM D86	30		36.6	°C
Distillation 10% Recovered	ASTM D86	40	70	58.0	°C
Distillation 50% Recovered	ASTM D86	80	115	98.9	°C
Distillation 90% Recovered	ASTM D86		180	154.2	°C
Distillation FBP	ASTM D86		215	198.9	°C
Distillation Residue	ASTM D664		2	1.0	%vol
Evaporated @70°C	ASTM D86	Report		23.9	%vol
Existent Gum	ASTM D381		4.0	0.5	mg/100ml
Antiknock Index (R+M/2)	CALC	Report		90.9	O.N.
Motor Octane Number	ASTM D2700	85.0		86.3	M.O.N.
Research Octane Number	ASTM D2699	95.0		95.5	R.O.N.
Aromatic Content	ASTM D1319		35.0	34.1	%vol
Olefines Content	ASTM D1319		18.0	2.1	%vol
Olefines and Aromatics	ASTM D1319		45.0	36.2	%v
Water Content	ASTM D6304	Report		380	mg/Kg
Oxidation Stability	ASTM D525	360		375	min
Reid Vapor Pressure @ 100F	ASTM D5191		8.7	8.49	psi
Sulphur	ASTM D5453			11	mg/Kg
Mercaptan Sulphur	ASTM D3227		0.0015	0.0003	%m
Odor		Marketable		Marketable	
Comment					

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"The analysis results were performed by CRU Refinery Lab.
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For Intertek Curacao _____

Glenn Gustina
Branch Coordinator

