

Client:	ATMI / Curoil N.V.	Date Sampled :	April 19, 2024
Job Location:	Emmastad	Date Submitted :	April 19, 2024
Product:	Premium Unleaded Gasoline	Date Tested :	May 05, 2024
Product source:	Vessel MT Amirante	Date Issued :	May 07, 2024
Sample Description : Volumetric Vessel Composite			

Test	Method	Specification		Results	Units
		Minimum	Maximum		
Specific Gravity at 60/60°F *	ASTM D1298			0.7596	
API at 60°F *	ASTM D1298	Report		54.8	Degrees
Density at 15°C *	ASTM D1298	720.0	775.0	759.3	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		33.4	°C
Distillation 10% Recovered *	ASTM D86	40	70	57.7	°C
Distillation 50% Recovered *	ASTM D86	80	115	96.8	°C
Distillation 90% Recovered *	ASTM D86		180	156.7	°C
Distillation FBP *	ASTM D86		215	185.4	°C
Distillation Residue *	ASTM D664		2	1.1	%vol
Evaporated @70°C *	ASTM D86	Report		23.3	%vol
Existent Gum *	ASTM D381		4.0	0.5	mg/100ml
Antiknock Index (R+M/2) *	CALC	Report		90.7	O.N.
Motor Octane Number *	ASTM D2700	85.0		85.4	M.O.N.
Research Octane Number *	ASTM D2699	95.0		95.9	R.O.N.
Aromatic Content *	ASTM D1319		35.0	29.7	%vol
Olefines Content *	ASTM D1319		18.0	7.3	%vol
Olefines and Aromatics *	ASTM D1319		45.0	37	%v
Benzene Content	ASTM D3606		1.00	0.39	%v
Water Content	ASTM D6304	Report		338	mg/Kg
Oxidation Stability *	ASTM D525	360		>360	min
Oxygen Content	ASTM D4815		2.7	2.62	%m
Oxygenates Content		Report		14.74	%vol
Methanol Content	ASTM D4815		3.0	<0.20	%vol
Reid Vapor Pressure @ 100F *	ASTM D5191		8.7	8.38	psi
Sulphur Content	ASTM D2622		30	17	mg/kg
Mercaptan Sulphur *	ASTM D3227		0.0015	0.0005	%m
Odor *		Marketable		Marketable	
Phosphorus	ASTM D3231		1	<0.20	mg/L
Lead Content	ASTM D3237		5	<2.5	mg/L
Manganese Content	ASTM D3831			<0.25	mg/L
Silicon Content	ASTM D7757	Report		<10	mg/kg
Chloride Content	ASTM D5808	Report		<1.0	mg/kg
Comment					

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"The analysis results denoted (*) were performed by CRU Refinery Lab.
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For Intertek Curacao _____

Glenn Gustina
Branch Coordinator