

## **Report of Analysis**

CRU Lab Reference Number: 20240421-049 Job Reference Number: NA100-0007903

Client: Date Sampled : April 21, 2024 Curoil N.V. Job Location: **Date Submitted:** April 21, 2024 Emmastad April 21, 2024 Product: Premium Unleaded Gasoline Date Tested: April 21, 2024 Product source: Shore Tank 0660 After discharge Date Issued: Vessel MT Amirante

Sample Description : Average Composite

Test  Specific Gravity at 60/60°F  API at 60°F  Density at 15°C  Appereance  Copper Strip 3 Hr/50°C  Distillation  Distillation IBP  Distillation 10% Recovered  Distillation 50% Recovered  Distillation 90% Recovered	Method  ASTM D4052  ASTM D4052  ASTM D4052  Visual  ASTM D130  ASTM D86  ASTM D86  ASTM D86  ASTM D86	Minimum  Repo 720.0  Clear & Bright  30  40	Maximum  ort  775.0  1	Results  0.7574  55.3  757.1  Clear & Bright  1A  33.6	Units  Degrees kg/m3
API at 60°F  Density at 15°C  Appereance  Copper Strip 3 Hr/50°C  Distillation  Distillation 1BP  Distillation 10% Recovered  Distillation 50% Recovered	ASTM D4052 ASTM D4052 Visual ASTM D130 ASTM D86 ASTM D86 ASTM D86	720.0 Clear & Bright	775.0	55.3 757.1 Clear & Bright	kg/m3
Density at 15°C  Appereance  Copper Strip 3 Hr/50°C  Distillation  Distillation IBP  Distillation 10% Recovered  Distillation 50% Recovered	ASTM D4052 Visual ASTM D130 ASTM D86 ASTM D86 ASTM D86	720.0 Clear & Bright	775.0	757.1 Clear & Bright 1A	kg/m3
Appereance Copper Strip 3 Hr/50°C Distillation Distillation IBP Distillation 10% Recovered Distillation 50% Recovered	Visual ASTM D130 ASTM D86 ASTM D86 ASTM D86	Clear & Bright		Clear & Bright	
Copper Strip 3 Hr/50°C  Distillation  Distillation IBP  Distillation 10% Recovered  Distillation 50% Recovered	ASTM D130 ASTM D86 ASTM D86 ASTM D86	30	1	1A	
Distillation Distillation IBP Distillation 10% Recovered Distillation 50% Recovered	ASTM D86 ASTM D86 ASTM D86		1		
Distillation IBP Distillation 10% Recovered Distillation 50% Recovered	ASTM D86 ASTM D86			33.6	
Distillation 10% Recovered Distillation 50% Recovered	ASTM D86			33.6	
Distillation 50% Recovered		40		33.0	°C
	ASTM D86		70	55.4	°C
Distillation 90% Paggyared		80	115	96.2	°C
Distillation 9070 Recovered	ASTM D86		180	154.4	°C
Distillation FBP	ASTM D86		215	186.4	°C
Distillation Residue	ASTM D664		2	1.0	%vol
Evaporated @70°C	ASTM D86	Report		24.7	%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		85.8	M.O.N.
Research Octane Number	ASTM D2699	95.0		96.0	R.O.N.
Aromatic Content	ASTM D1319		35.0	35.0	%vol
Olefines Content	ASTM D1319		18.0	7.7	%vol
Olefines and Aromatics	ASTM D1319		45.0	42.7	%v
Water Content	ASTM D6304	Report		400	mg/Kg
Oxidation Stability	ASTM D525	360		>360	min
Reid Vapor Pressure @ 100F	ASTM D5191		8.7	8.63	psi
Mercaptan Sulphur	ASTM D3227		0.0015	0.0006	%m
Odor		Marketable		Marketable	

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Glenn Gustina Branch Coordinator

<sup>&</sup>quot;The analysis results were performed by CRU Refinery Lab.

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