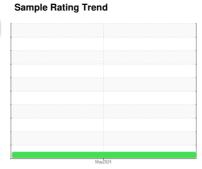


FUEL REPORT

QTS CHICAGO [QTS CHICAGO] PUMPHOUSE GEN

Diesel Fuel

No.2 DIESEL FUEL (ULTRALOW SULPHUR





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Recommendation

No corrective action is recommended at this time. All laboratory tests indicate that this sample meets specifications for No.2 ultra low sulfur diesel fuel.

Corrosion

All metal levels are normal indicating no corrosion in the system.

Contaminants

The water content is negligible. There is no bacteria or fungus (yeast and/or mold) indicated in the sample. The amount and size of particulates present in the system are acceptable.

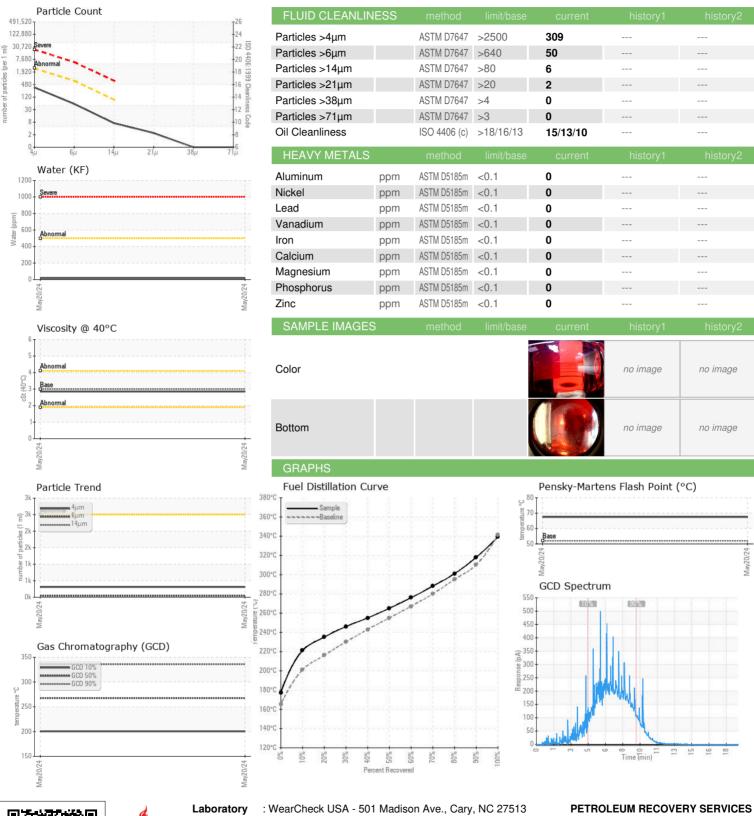
Fuel Condition

Sulfur value derived by ASTM D5453 method for ULSD validation. Sulfur level is acceptable for ULSD specification.

R) (200 GAL)				May/2024		
i) (200 GAL)				may2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC06185731		
Sample Date		Client Info		20 May 2024		
Machine Age	hrs	Client Info		0		
Sample Status				NORMAL		
PHYSICAL PROP	ERTIES	method	limit/base	current	history1	history2
Specific Gravity		*ASTM D1298	0.839	0.854		
Fuel Color	text	*Visual Screen	Yllow	Red		
ASTM Color	scalar	*ASTM D1500		L4.5		
Visc @ 40°C	cSt	ASTM D445	3.0	2.85		
Pensky-Martens Flash Point	°C	*PMCC Calculated	52	67.5		
SULFUR CONTE	VT	method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m	10	0		
Sulfur (UVF)	ppm	ASTM D5453		7		
DISTILLATION		method	limit/base	current	history1	history2
Initial Boiling Point	°C	ASTM D86	165	177		
5% Distillation Point	°C	ASTM D86		207		
10% Distill Point	°C	ASTM D86	201	221		
15% Distillation Point	°C	ASTM D86		229		
20% Distill Point	°C	ASTM D86	216	235		
30% Distill Point	°C	ASTM D86	230	246		
40% Distill Point	°C	ASTM D86	243	255		
50% Distill Point	°C	ASTM D86	255	265		
60% Distill Point	°C	ASTM D86	267	276		
70% Distill Point	°C	ASTM D86	280	288		
80% Distill Point	°C	ASTM D86	295	301		
85% Distillation Point	°C	ASTM D86		309		
90% Distill Point	°C	ASTM D86	310	318		
95% Distillation Point	°C	ASTM D86		332		
Final Boiling Point	°C	ASTM D86	341	339		
Distillation Residue	%	ASTM D86	3.0	1.4		
Distillation Loss	%	ASTM D86	3.0	1.1		
IGNITION QUALIT	ΓΥ	method	limit/base	current	history1	history2
API Gravity		ASTM D7777	37.7	34.2		
Cetane Index		ASTM D4737	<40.0	45.3		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<1.0	0		
Sodium	ppm	ASTM D5185m	< 0.1	0		
Potassium	ppm	ASTM D5185m	<0.1	0		
Water	%	ASTM D6304	< 0.05	0.002		
ppm Water	ppm	ASTM D6304	<500	17		
% Gasoline	%	*In-House	< 0.50	0.0		
% Biodiesel	%	*In-House	<20.0	1.3		



FUEL REPORT







Certificate 12367

Sample No.

: WC06185731 Lab Number : 06185731 Unique Number : 11037057

Received **Tested**

: 20 May 2024 : 28 May 2024 Diagnosed

: 28 May 2024 - Angela Borella Test Package : DF-2 (Additional Tests: Fuel, Screen)

To discuss this sample report, contact Customer Service at 1-800-237-1369. * - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

210 POWELL DR SUMMERVILLE, SC US 29483

Contact: AJAY EL Ajay@prsfuel.com T: (843)225-1777

Report Id: PETSUM [WUSCAR] 06185731 (Generated: 05/28/2024 15:38:51) Rev: 1

Contact/Location: AJAY EL - PETSUM