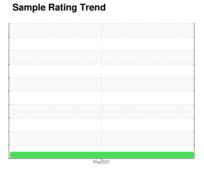


FUEL REPORT

QTS CHICAGO [QTS CHICAGO] PUMPHOUSE SPARE

Diesel Fuel

No.2 DIESEL FUEL (ULTRALOW SULPHUR





DIAGNOSIS

Recommendation

We advise that you filter this fluid before use. All laboratory tests indicate that this sample meets specifications for No.2 ultra-low-sulfur diesel fuel.

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

Contaminants

There is a high amount of particulates present in the fuel. The water content is negligible. There is no bacteria or fungus (yeast and/or mold) indicated in the sample.

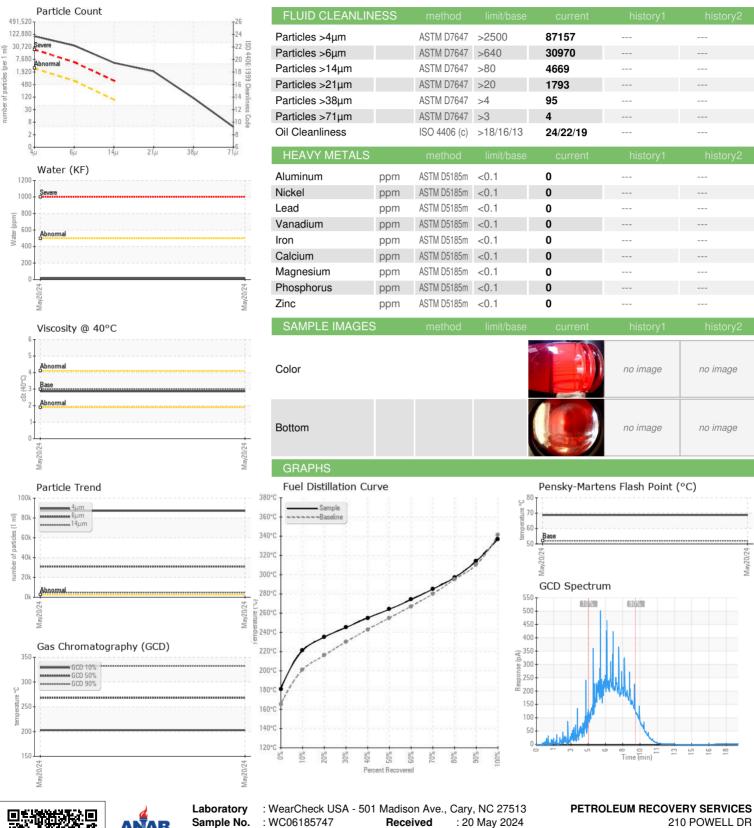
Fuel Condition

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

R) (293 GAL)				May2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
	., (11011					
Sample Number		Client Info		WC06185747		
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	2.86		
Pensky-Martens Flash Point	°C	*PMCC Calculated	52	68.8		
SULFUR CONTE	NT	method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m	10	22		
Sulfur (UVF)	ppm	ASTM D5453		7		
DISTILLATION		method	limit/base	current	history1	history2
Initial Boiling Point	°C	ASTM D86	165	181		
5% Distillation Point	°C	ASTM D86		208		
10% Distill Point	°C	ASTM D86	201	221		
15% Distillation Point	°C	ASTM D86		228		
20% Distill Point	°C	ASTM D86	216	235		
30% Distill Point	°C	ASTM D86	230	245		
40% Distill Point	°C	ASTM D86	243	255		
50% Distill Point	°C	ASTM D86	255	264		
60% Distill Point	°C	ASTM D86	267	274		
70% Distill Point	°C	ASTM D86	280	285		
80% Distill Point	°C	ASTM D86	295	297		
85% Distillation Point	°C	ASTM D86		305		
90% Distill Point	°C	ASTM D86	310	314		
95% Distillation Point	°C	ASTM D86		327		
Final Boiling Point	°C	ASTM D86	341	337		
Distillation Residue	%	ASTM D86	3.0	1.4		
Distillation Loss	%	ASTM D86	3.0	0.6		
IGNITION QUALIT	ΓΥ	method	limit/base	current	history1	history2
API Gravity		ASTM D7777	37.7	34.2		
Cetane Index		ASTM D4737	<40.0	44.9		
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	0.001		
ppm Water	ppm	ASTM D6304	<500	15		
% Gasoline	%	*In-House	< 0.50	0.0		
% Biodiesel	%	*In-House	<20.0	0.0		



FUEL REPORT







Certificate 12367

Sample No.

: WC06185747 Lab Number : 06185747 Unique Number : 11037073

Diagnosed 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)

Tested

210 POWELL DR SUMMERVILLE, SC US 29483

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

: 28 May 2024

: 28 May 2024 - Doug Bogart

Contact/Location: AJAY EL - PETSUM