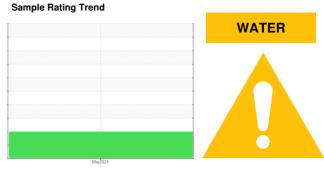


FUEL REPORT

City of Camden - Offsites [City of Camden - Offsites] A-135

Diesel Fuel

No.2 DIESEL FUEL (ULTRALOW SULPHUR) (60 GAL)



DIAGNOSIS

Recommendation

We advise that you follow the water drain-off procedure for this component. We advise that you filter this fluid before use. We were unable to perform a particle count due to a high concentration of particles present in this sample.

Corrosion

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

Contaminants

High concentration of visible dirt/debris present in the fuel. Free water present. There is no bacteria or fungus (yeast and/or mold) present in the sample.

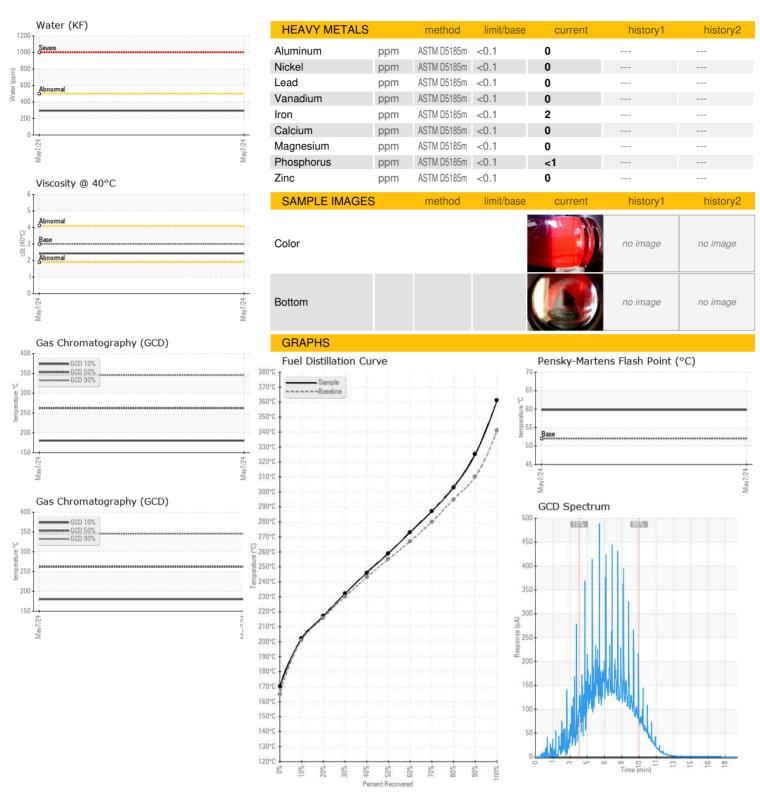
Fuel Condition

Sulfur value derived by ASTM D5453 method for ULSD validation.

(60 GAL)			1	May2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC06179670		
Sample Date		Client Info		07 May 2024		
Machine Age	hrs	Client Info		0		
Sample Status				ABNORMAL		
PHYSICAL PROP	ERTIES	method	limit/base	current	history1	history2
Fuel Color	text	*Visual Screen	Yllow	Red		
ASTM Color	scalar	*ASTM D1500		L4.0		
Visc @ 40°C	cSt	ASTM D445	3.0	2.43		
Pensky-Martens Flash Point	°C	*PMCC Calculated	52	59.8		
SULFUR CONTE	NT	method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m	10	241		
Sulfur (UVF)	ppm	ASTM D5453		171		
DISTILLATION		method	limit/base	current	history1	history2
Initial Boiling Point	°C	ASTM D86		170		
5% Distillation Point	°C	ASTM D86	165	192		
10% Distill Point	°C	ASTM D86	201	202		
15% Distillation Point	°C	ASTM D86	201	210		
20% Distill Point	°C	ASTM D86	216	217		
30% Distill Point	°C	ASTM D86	230	232		
40% Distill Point	°C	ASTM D86	243	246		
50% Distill Point	°C	ASTM D86	255	259		
60% Distill Point	°C	ASTM D86	267	273		
70% Distill Point	°C	ASTM D86	280	287		
80% Distill Point	°C	ASTM D86	295	303		
85% Distillation Point	°C	ASTM D86		314		
90% Distill Point	°C	ASTM D86	310	325		
95% Distillation Point	°C	ASTM D86		344		
Final Boiling Point	°C	ASTM D86	341	361		
IGNITION QUALIT	ГҮ	method	limit/base	current	history1	history2
API Gravity		ASTM D7777	37.7	36		
Cetane Index		ASTM D4737	<40.0	48		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<1.0	<1		
Sodium	ppm	ASTM D5185m	<0.1	0		
Potassium	ppm	ASTM D5185m	<0.1	0		
Water	%	ASTM D6304	< 0.05	0.029		
ppm Water	ppm	ASTM D6304	<500	294		
% Gasoline	%	*In-House	< 0.50	0.0		
% Biodiesel	%	*In-House	<20.0	0.0		
MICROBIAL		method	limit/base	current	history1	history2
Bacteria	CFU/ml	WC-Method	>=100000	0		
Yeast	CFU/ml	WC-Method	>=100000	0		
Mold	Colonies	WC-Method	MODER			



FUEL REPORT







Certificate 12367

Laboratory Sample No.

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Lab Number : 06179670

: WC06179670 Unique Number : 11030996

Received : 14 May 2024 Tested

: 20 May 2024

Diagnosed : 20 May 2024 - Doug Bogart Test Package: DF-2 (Additional Tests: Bacteria, Fuel, Screen)

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

210 POWELL DR SUMMERVILLE, SC US 29483 Contact: AJAY EL

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

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) Report Id: PETSUM [WUSCAR] 06179670 (Generated: 05/27/2024 12:58:36) Rev: 1

Contact/Location: AJAY EL - PETSUM