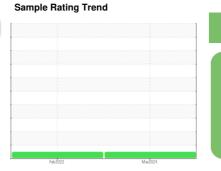


FUEL REPORT

[25218] **GWV HOSPITAL TANK 1 (S/N 182326)**

Diesel Fuel

No.2 DIESEL FUEL (ULTRALOW SULPHUR





Recommendation

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. There is no indication of any contamination in the fuel.

Fuel Condition

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

R) (9000 GAL)			Feb 2022	Mar2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		DCDF04003	DCDF02619	
Sample Date		Client Info		22 Mar 2024	11 Feb 2022	
Machine Age	hrs	Client Info		0	0	
Sample Status	1110			NORMAL	NORMAL	
PHYSICAL PROP	ERTIES	method	limit/base	current	history1	history2
Specific Gravity		*ASTM D1298	0.839	0.842	0.843	
Fuel Color	text	*Visual Screen	Yllow	Red	Red	
ASTM Color	scalar	*ASTM D1500		L4.0	L4.5	
Visc @ 40°C	cSt	ASTM D445	3.0	2.43	2.56	
Pensky-Martens Flash Point	°C	*PMCC Calculated	52	63.3	64	
Cloud Point	°C	ASTM D5771		-12	-13	
Pour Point	°C	ASTM D5950		-22	-24	
SULFUR CONTE	VT	method	limit/base	current	history1	history2
Sulfur		ASTM D5185m	10	0	0	
Sulfur (UVF)	ppm	ASTM D5165111	10	12	13	
, ,	ppm			12	13	
DISTILLATION		method	limit/base	current	history1	history2
Initial Boiling Point	°C	ASTM D86	165	166	168	
5% Distillation Point	°C	ASTM D86		190	193	
10% Distill Point	°C	ASTM D86	201	200	204	
15% Distillation Point	°C	ASTM D86		209	212	
20% Distill Point	°C	ASTM D86	216	217	219	
30% Distill Point	°C	ASTM D86	230	231	234	
40% Distill Point	°C	ASTM D86	243	245	247	
50% Distill Point	°C	ASTM D86	255	259	259	
60% Distill Point	°C	ASTM D86	267	272	273	
70% Distill Point	°C	ASTM D86	280	287	287	
80% Distill Point	°C	ASTM D86	295	303	304	
85% Distillation Point	°C	ASTM D86		313	313	
90% Distill Point	°C	ASTM D86	310	325	325	
95% Distillation Point	°C	ASTM D86		342	341	
Final Boiling Point	°C	ASTM D86	341	351	349	
Distillation Residue	%	ASTM D86	3.0	1.4	1.4	
Distillation Loss	%	ASTM D86	3.0	0.8	0.9	
IGNITION QUALIT	ΓΥ	method	limit/base	current	history1	history2
API Gravity		ASTM D7777	37.7	36.6	36.4	
Cetane Index		ASTM D4737	<40.0	47.3	47.5	
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<1.0	0	0	
Sodium	ppm	ASTM D5185m	< 0.1	<1	0	
Potassium	ppm	ASTM D5185m	<0.1	0	<1	
Water	%	ASTM D6304	< 0.05	0.004	0.003	
ppm Water	ppm	ASTM D6304	<500	44	35.5	
% Gasoline	%	*In-House	< 0.50	0.0	0.0	
	- /	41 11	00.0		0.0	

AFIGIAVILY		ASTIVI DITTI	37.7	30.0	30.4	
Cetane Index		ASTM D4737	<40.0	47.3	47.5	
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<1.0	0	0	
Sodium	ppm	ASTM D5185m	<0.1	<1	0	
Potassium	ppm	ASTM D5185m	< 0.1	0	<1	
Water	%	ASTM D6304	< 0.05	0.004	0.003	
ppm Water	ppm	ASTM D6304	< 500	44	35.5	
% Gasoline	%	*In-House	< 0.50	0.0	0.0	
% Biodiesel	%	*In-House	<20.0	0.0	0.0	



FUEL REPORT





Certificate 12367

Lab Number : 06136730 Unique Number : 10956195

Diagnosed

: 12 Apr 2024 - Doug Bogart Test Package : DF-3 (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)

Contact: CHARNETTE WATERS CWATERS@CURTISPS.COM

Report Id: CURBAL [WUSCAR] 06136730 (Generated: 04/12/2024 11:55:38) Rev: 1

Contact/Location: CHARNETTE WATERS - CURBAL

F: (410)536-2098

US 21227