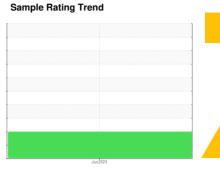


FUEL REPORT

HIGHLANDS CASHIERS HOSPITAL [17713] [HIGHLANDS CASHIERS HOSPITAL] GENERATOR 2

Diesel Fuel

No.2 DIESEL FUEL (ULTRALOW SULPHUR) (5300 GAL)





DIAGNOSIS

Recommendation

We advise that you follow the water drain-off procedure for this component, and use off-line filtration to improve the cleanliness of the system fluid. 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

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

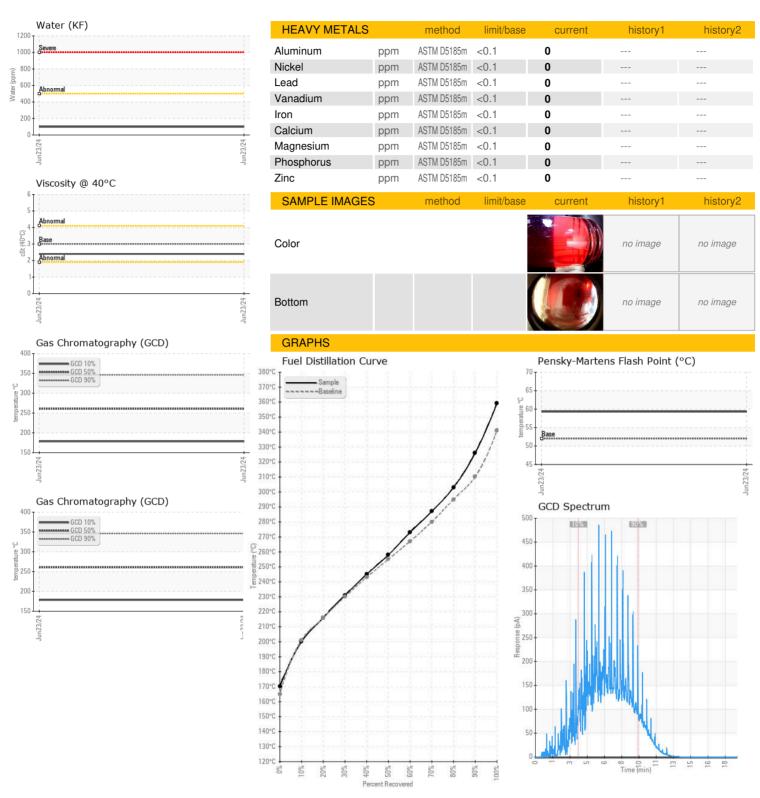
Fuel Condition

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

R) (5300 GAL)				Jun 2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0957794		
Sample Date		Client Info		23 Jun 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		L4.5		
Visc @ 40°C	cSt	ASTM D445	3.0	2.4		
Pensky-Martens Flash Point	°C	*PMCC Calculated	52	59.3		
SULFUR CONTER	method	limit/base	current	history1	history2	
Sulfur	ppm	ASTM D5185m	10	4		
Sulfur (UVF)	ppm	ASTM D5453		10		
		and the section of	1''-/		Internal	la la tarre o
DISTILLATION		method	limit/base	current	history1	history2
Initial Boiling Point	°C	ASTM D86	165	170		
5% Distillation Point	°C	ASTM D86	004	191		
10% Distill Point	°C	ASTM D86	201	200		
15% Distillation Point	°C	ASTM D86	040	208		
20% Distill Point	°C	ASTM D86	216	216		
30% Distill Point	°C	ASTM D86	230	231		
40% Distill Point	°C	ASTM D86	243	245 258		
50% Distill Point 60% Distill Point	°C	ASTM D86 ASTM D86	255 267	273		
70% Distill Point	°C	ASTM D86	280	287		
80% Distill Point	°C	ASTM D86	295	303		
85% Distillation Point	°C	ASTM D86	255	315		
90% Distill Point	°C	ASTM D86	310	326		
95% Distillation Point	°C	ASTM D86		344		
Final Boiling Point	°C	ASTM D86	341	359		
IGNITION QUALIT	ΓΥ	method	limit/base	current	history1	history2
		ASTM D7777	37.7	36		
API Gravity Cetane Index		ASTM D7777	<40.0	36 47		
CONTAMINANTS						
		method	limit/base	current	history1	history2
Silicon Sodium	ppm	ASTM D5185m	<1.0	0		
	ppm	ASTM D5185m		1		
Potassium Water	ppm %	ASTM D6304	<0.1	<1 0.009		
		ASTM D6304 ASTM D6304	<0.05 <500	99		
ppm Water % Gasoline	ppm %	*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			
IVIOIG	001011103	AAO IAIGIIION	MODELL			



FUEL REPORT







Certificate 12367

Sample No.

Laboratory

: WC0957794 Lab Number : 06218721 Unique Number : 11096918

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received **Tested**

: 24 Jun 2024 : 01 Jul 2024 Diagnosed

: 01 Jul 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)