

FUEL REPORT

Sample Rating Trend

NORMAL

Machine Id

STEWARD HEALTH CARE - ROCKLEDGE REGIONAL MED GEN 2

Tank Diesel Fuel

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

DIAGNOSIS

Recommendation

All laboratory tests indicate that this sample meets specifications for No.2 ultra-low-sulfur diesel fuel.

Corrosion

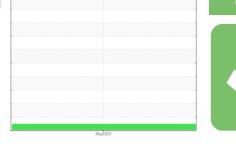
All metal levels are normal indicating no corrosion in the system.

Contaminants

There is no bacteria or fungus (yeast and/or mold) indicated in the sample. The water content is negligible. 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.

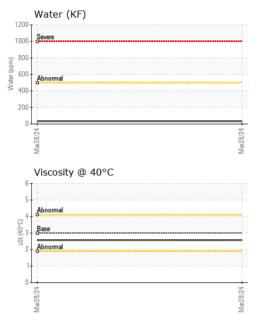


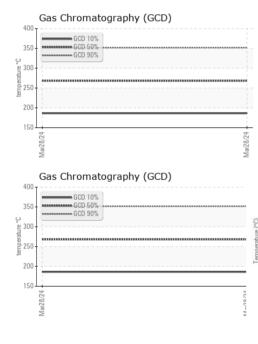


SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WCDF4570		
Sample Date		Client Info		28 Mar 2024		
Machine Age	mls	Client Info		0		
Sample Status				NORMAL		
PHYSICAL PROP	ERTIES	method	limit/base	current	history1	history2
Fuel Color	text	*Visual Screen	Yllow	Red		
ASTM Color	scalar	*ASTM D1500		L4.0		
Visc @ 40°C	cSt	ASTM D445	3.0	2.57		
Pensky-Martens Flash Point	°C	*PMCC Calculated	52	64.6		
Cloud Point	°C	ASTM D5771		-10		
SULFUR CONTER	NT	method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m	10	0		
Sulfur (UVF)	ppm	ASTM D5453		9		
DISTILLATION		method	limit/base	current	history1	history2
Initial Boiling Point	°C	ASTM D86	165	176		
5% Distillation Point	°C	ASTM D86		198		
10% Distill Point	°C	ASTM D86	201	208		
15% Distillation Point	°C	ASTM D86		216		
20% Distill Point	°C	ASTM D86	216	224		
30% Distill Point	°C	ASTM D86	230	238		
40% Distill Point	°C	ASTM D86	243	252		
50% Distill Point	°C	ASTM D86	255	265		
60% Distill Point	°C	ASTM D86	267	279		
70% Distill Point	°C	ASTM D86	280	292		
80% Distill Point	°C	ASTM D86	295	308		
85% Distillation Point	°C	ASTM D86		319		
90% Distill Point	°C	ASTM D86	310	329		
95% Distillation Point	°C	ASTM D86		345		
Final Boiling Point	°C	ASTM D86	341	359		
IGNITION QUALI	ΓY	method	limit/base	current	history1	history2
API Gravity		ASTM D7777	37.7	37		
Cetane Index		ASTM D4737	<40.0	51		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<1.0	0		
Sodium	ppm	ASTM D5185m	<0.1	<1		
Potassium	ppm	ASTM D5185m	<0.1	0		
Water	%	ASTM D6304	< 0.05	0.003		
ppm Water	ppm	ASTM D6304	<500	34		
% Gasoline	%	*In-House	<0.50	0.0		
% Biodiesel	%	*In-House	<20.0	1.2		



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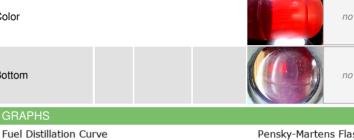


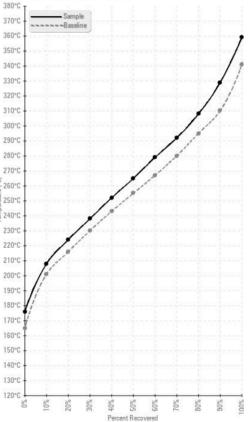


HEAVY METALS		method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185m	<0.1	0		
Nickel	ppm	ASTM D5185m	<0.1	0		
Lead	ppm	ASTM D5185m	<0.1	0		
Vanadium	ppm	ASTM D5185m	<0.1	0		
Iron	ppm	ASTM D5185m	<0.1	0		
Calcium	ppm	ASTM D5185m	<0.1	0		
Magnesium	ppm	ASTM D5185m	<0.1	0		
Phosphorus	ppm	ASTM D5185m	<0.1	0		
Zinc	ppm	ASTM D5185m	<0.1	0		
SAMPLE IMAGES		method	limit/base	current	history1	history2

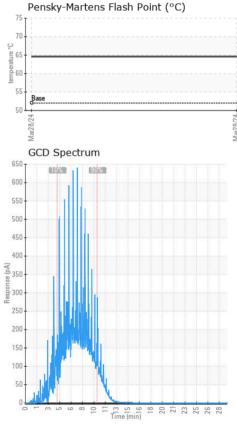


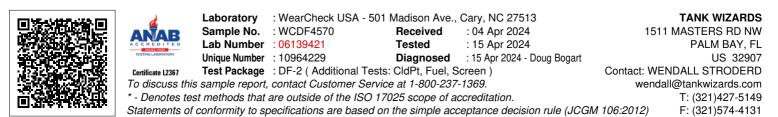
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Contact/Location: 321-285-8878 X1 - WENDALL STRODERD - TANPAL

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