

FUEL REPORT

Area Prisma Health-Greenville Memorial Hosp Main [7642] [Prisma Health-Greenville Memorial Hosp Main] MAIN UPPER

Diesel Fuel

No.2 DIESEL FUEL (ULTRALOW SULPHUR) (4000 GAL)

DIAGNOSIS

Recommendation

No corrective action is recommended at this time. All laboratory tests indicate that this sample meets specifications for No.2 ultra-low-sulfur diesel fuel.

Corrosion

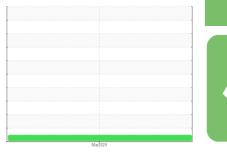
All metal levels are normal indicating no corrosion in the system.

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. The amount and size of particulates present in the system are acceptable.

Fuel Condition

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



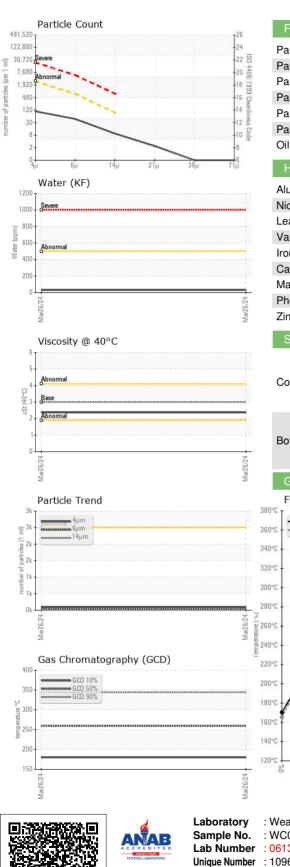


NORMAL

SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC06139064		
Sample Date		Client Info		26 Mar 2024		
Machine Age	hrs	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	2.37		
Pensky-Martens Flash Point	°C	*PMCC Calculated	52	60		
SULFUR CONTER	NT	method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m	10	6		
Sulfur (UVF)	ppm	ASTM D5453		10		
DISTILLATION		method	limit/base	current	history1	history2
Initial Boiling Point	°C	ASTM D86	165	170		
5% Distillation Point	°C	ASTM D86		192		
10% Distill Point	°C	ASTM D86	201	202		
15% Distillation Point	°C	ASTM D86		209		
20% Distill Point	°C	ASTM D86	216	217		
30% Distill Point	°C	ASTM D86	230	231		
40% Distill Point	°C	ASTM D86	243	244		
50% Distill Point	°C	ASTM D86	255	257		
60% Distill Point	°C	ASTM D86	267	271		
70% Distill Point	°C	ASTM D86	280	286		
80% Distill Point	°C	ASTM D86	295	302		
85% Distillation Point	°C	ASTM D86		313		
90% Distill Point	°C	ASTM D86	310	324		
95% Distillation Point	°C	ASTM D86		343		
Final Boiling Point	°C	ASTM D86	341	357		
IGNITION QUALI	ΓY	method	limit/base	current	history1	history2
API Gravity		ASTM D7777	37.7	37		
Cetane Index		ASTM D4737	<40.0	48		
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	30		
% Gasoline	%	*In-House	<0.50	0.0		
% Biodiesel	%	*In-House	<20.0	0.0		

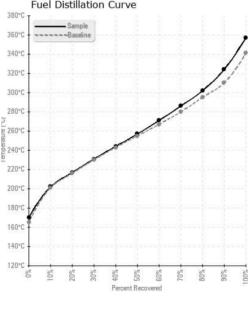


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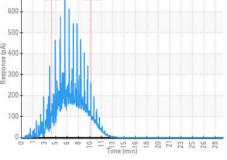


FLUID CLEANLIN	ESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>2500	93		
Particles >6µm		ASTM D7647	>640	40		
Particles >14µm		ASTM D7647	>80	8		
Particles >21µm		ASTM D7647	>20	2		
Particles >38µm		ASTM D7647	>4	0		
Particles >71µm		ASTM D7647	>3	0		
Dil Cleanliness		ISO 4406 (c)	>18/16/13	14/12/10		
HEAVY METALS		method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185m	<0.1	0		
Nickel	ppm	ASTM D5185m	<0.1	0		
_ead	ppm	ASTM D5185m	<0.1	0		
/anadium	ppm	ASTM D5185m	<0.1	0		
ron	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
Color					no image	no image
Bottom					no image	no image
GRAPHS						
Fuel Distillation Curve		Pensky-Martens Flash Point (°C)				

700







PETROLEUM RECOVERY SERVICES : WearCheck USA - 501 Madison Ave., Cary, NC 27513 : WC06139064 Received : 04 Apr 2024 210 POWELL DR Lab Number : 06139064 Tested : 15 Apr 2024 SUMMERVILLE, SC Unique Number : 10963872 Diagnosed : 15 Apr 2024 - Doug Bogart Test Package : DF-2 (Additional Tests: Fuel, Screen) Contact: AJAY EL Certificate 12367 To discuss this sample report, contact Customer Service at 1-800-237-1369. Ajay@prsfuel.com * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: (843)225-1777 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

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Contact/Location: AJAY EL - PETSUM

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