

FUEL REPORT

Area **Prisma Heath Baptist Property Services** [Prisma Heath Baptist Property Services] GEN 1

Diesel Fuel

Fluid No.2 DIESEL FUEL (ULTRALOW SULPHUR) (300 GAL)

DIAGNOSIS

Recommendation

All laboratory tests indicate that this sample meets specifications for No.2 ultra-low-sulfur diesel fuel. Please note that this is a corrected copy for diagnostic comment updates.

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. 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.



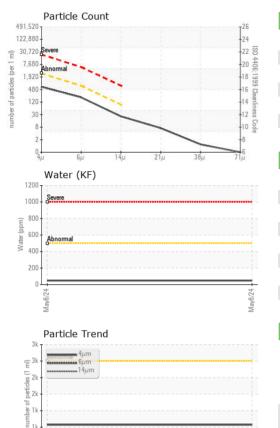
Sample Rating Trend



SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC06179664		
Sample Date		Client Info		08 May 2024		
Machine Age	hrs	Client Info		0		
Sample Status				NORMAL		
PHYSICAL PROP	PERTIES	method	limit/base	current	history1	history2
Fuel Color	text	*Visual Screen	Yllow	Red		
ASTM Color	scalar	*ASTM D1500		L4.0		
Pensky-Martens Flash Point	°C	*PMCC Calculated	52	59.4		
SULFUR CONTE	NT	method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m	10	4		
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		193		
10% Distill Point	°C	ASTM D86	201	203		
15% Distillation Point	°C	ASTM D86		210		
20% Distill Point	°C	ASTM D86	216	218		
30% Distill Point	°C	ASTM D86	230	233		
40% Distill Point	°C	ASTM D86	243	247		
50% Distill Point	°C	ASTM D86	255	260		
60% Distill Point	°C	ASTM D86	267	274		
70% Distill Point	°C	ASTM D86	280	288		
80% Distill Point	°C	ASTM D86	295	304		
85% Distillation Point	°C	ASTM D86		315		
90% Distill Point	°C	ASTM D86	310	326		
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	36		
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	0.004		
ppm Water	ppm	ASTM D6304	<500	48		
% Gasoline	%	*In-House	<0.50	0.0		
% Biodiesel	%	*In-House	<20.0	0.0		



FUEL REPORT



Gas Chromatography (GCD)

GCD 10%

GCD 90%

Viscosity @ 40°C



Color

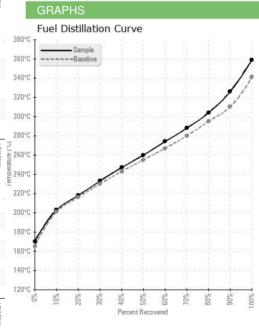




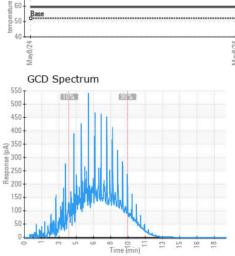
Bottom

Mav8/74

Mav8/74



Pensky-Martens Flash Point (°C)





Ok

400

35

300

P 250

200

(40°C) Bas

cSt (

10/8/ml

Abnorma

Abnorm

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 PETROLEUM RECOVERY SERVICES 210 POWELL DR Sample No. : WC06179664 Received : 14 May 2024 Lab Number : 06179664 Tested : 20 May 2024 SUMMERVILLE, SC Unique Number : 11030990 Diagnosed : 20 May 2024 - Doug Bogart US 29483 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)

Report Id: PETSUM [WUSCAR] 06179664 (Generated: 05/27/2024 14:51:17) Rev: 1

Contact/Location: AJAY EL - PETSUM

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