

FUEL REPORT

Area OWENSBORO HEALTH OFFSITE PARRISH AVE [17627] [OWENSBORO HEALTH OFFSITE PARRISH AVE] PMOB1

Diesel Fuel Fluid

No.2 DIESEL FUEL (ULTRALOW SULPHUR) (4200 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

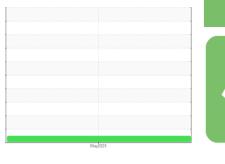
All metal levels are normal indicating no corrosion in the system.

Contaminants

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

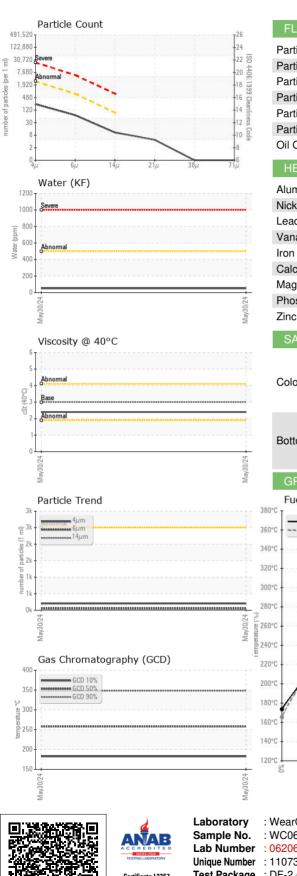


NORMAL

SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC06206052		
Sample Date		Client Info		30 May 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		L4.5		
Visc @ 40°C	cSt	ASTM D445	3.0	2.4		
Pensky-Martens Flash Point	°C	*PMCC Calculated	52	61.5		
SULFUR CONTEI	NT	method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m	10	0		
Sulfur (UVF)	ppm	ASTM D5453		11		
DISTILLATION		method	limit/base	current	history1	history2
Initial Boiling Point	°C	ASTM D86	165	173		
5% Distillation Point	°C	ASTM D86		195		
10% Distill Point	°C	ASTM D86	201	202		
15% Distillation Point	°C	ASTM D86		209		
20% Distill Point	°C	ASTM D86	216	215		
30% Distill Point	°C	ASTM D86	230	229		
40% Distill Point	°C	ASTM D86	243	243		
50% Distill Point	°C	ASTM D86	255	256		
60% Distill Point	°C	ASTM D86	267	272		
70% Distill Point	°C	ASTM D86	280	287		
80% Distill Point	°C	ASTM D86	295	304		
85% Distillation Point	°C	ASTM D86		316		
90% Distill Point	°C	ASTM D86	310	327		
95% Distillation Point	°C	ASTM D86		346		
Final Boiling Point	°C	ASTM D86	341	362		
IGNITION QUALI	ΓY	method	limit/base	current	history1	history2
API Gravity		ASTM D7777	37.7	37		
Cetane Index		ASTM D4737	<40.0	49		
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	<1		
Water	%	ASTM D6304	< 0.05	0.005		
ppm Water	ppm	ASTM D6304	<500	51		
% Gasoline	%	*In-House	<0.50	0.0		
% Biodiesel	%	*In-House	<20.0	0.0		



FUEL REPORT



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ritcles >6µm ASTM D7647 >640 60 ritcles >21µm ASTM D7647 >20 4 ritcles >21µm ASTM D7647 >20 4 ritcles >71µm ASTM D7647 >3 0 ritcles >71µm ASTM D7647 >3 0 Cleanliness ISO 4406 (c) >18/16/13 15/13/10 EAVY METALS method Imit/base current history1 hist minum ppm ASTM D5185m <0.1 0 ad ppm ASTM D5185m <0.1 0 ad ppm ASTM D5185m <0.1 0 no ppm ASTM D5185m <0.1 1 c ppm ASTM D5185m <0.1 1 c ppm ASTM D5185m <0.1 0 <th>LUID CLEANLIN</th> <th>NESS</th> <th>method</th> <th>limit/base</th> <th>current</th> <th>history1</th> <th>history2</th>	LUID CLEANLIN	NESS	method	limit/base	current	history1	history2
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PETROLEUM RECOVERY SERVICES : WearCheck USA - 501 Madison Ave., Cary, NC 27513 : WC06206052 Received : 10 Jun 2024 210 POWELL DR Lab Number : 06206052 Tested : 19 Jun 2024 SUMMERVILLE, SC Unique Number : 11073513 Diagnosed : 19 Jun 2024 - Angela Borella 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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