

FUEL REPORT

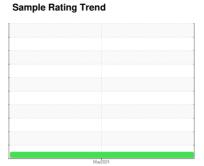
City of Camden [City of Camden] DSL GEN WASTE WATER PLANT

Diesel Fuel

ULSD validation.

No.2 DIESEL FUEL (ULTRALOW SULPHUR) (2000 GAL)

Sulfur value derived by ASTM D5453 method for





DIAGNOSIS SAMPLE INFORMATION method WC06179654 Client Info Sample Number Recommendation All laboratory tests indicate that this sample meets Sample Date Client Info 07 May 2024 specifications for No.2 low-sulfur diesel fuel. Please Machine Age hrs Client Info note that this is a corrected copy for diagnostic Sample Status **NORMAL** comment updates. PHYSICAL PROPERTIES method Corrosion All metal levels are normal indicating no corrosion **Fuel Color** Yllow Red text *Visual Screen in the system. ASTM Color scalar *ASTM D1500 L4.5 Contaminants Visc @ 40°C ASTM D445 3.0 2.4 cSt The water content is negligible. There is no bacteria

or fungus (yeast and/or mold) indicated in the	Pensky-Martens Flash Point	°C	*PMCC Calculated	52	59.8
sample. The amount and size of particulates	SULFUR CONTE	NT	method	limit/base	current
present in the system are acceptable.	Sulfur	ppm	ASTM D5185m	10	14
Fuel Condition	Sulfur (UVF)	ppm	ASTM D5453		20

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	232		
40% Distill Point	°C	ASTM D86	243	246		
50% Distill Point	°C	ASTM D86	255	259		
60% Distill Point	°C	ASTM D86	267	273		
70% Distill Point	°C	ASTM D86	280	288		
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		345		
Final Boiling Point	°C	ASTM D86	341	362		
IGNITION OLIALIT	F\/	mothod	limit/baco	current	hictory1	hictory?

Tillal Bolling Folia	0	AOTIVI DOO	041	302		
IGNITION QUAL	ITY	method	limit/base	current	history1	history2
API Gravity		ASTM D7777	37.7	36		
Cetane Index		ASTM D4737	<40.0	48		
CONTAMINANTS	S	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	0.007		
ppm Water	ppm	ASTM D6304	<500	74		
% Gasoline	%	*In-House	< 0.50	0.0		
% Biodiesel	%	*In-House	<20.0	0.0		



FUEL REPORT



Received

Tested

: 14 May 2024

: 20 May 2024

: 20 May 2024 - Doug Bogart





Certificate 12367

Sample No.

: WC06179654 Lab Number : 06179654

Unique Number : 11030980

Diagnosed Test Package : DF-2 (Additional Tests: Fuel, Screen)

To discuss this sample report, contact Customer Service at 1-800-237-1369. * - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

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) Report Id: PETSUM [WUSCAR] 06179654 (Generated: 05/27/2024 12:58:15) Rev: 1

Contact/Location: AJAY EL - PETSUM