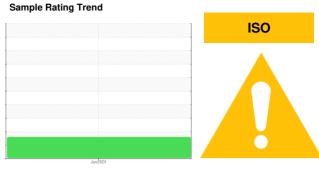


FUEL REPORT

CITY OF ROCK HILL [17800] [CITY OF ROCK HILL] MANCHESTER DAY

Diesel Fuel

No.2 DIESEL FUEL (ULTRALOW SULPHUR) (500 GAL)



DIAGNOSIS

Recommendation

We advise that you filter this fluid before use. All laboratory tests indicate that this sample meets specifications for No.2 ultra-low-sulfur diesel fuel.

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

Contaminants

There is a moderate amount of particulates present in the fuel. Moderate concentration of visible dirt/debris present in the fuel. There is no bacteria or fungus (yeast and/or mold) indicated in the sample. The water content is negligible.

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		WC0957761		
Sample Date		Client Info		25 Jun 2024		
Machine Age	hrs	Client Info		0		
Sample Status				ABNORMAL		
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	2.38		
Pensky-Martens Flash Point	°C	*PMCC Calculated	52	58.6		
SULFUR CONTEN	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	169		
5% Distillation Point	°C	ASTM D86		191		
10% Distill Point	°C	ASTM D86	201	201		
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	258		
60% Distill Point	°C	ASTM D86	267	272		
70% Distill Point	°C	ASTM D86	280	287		
80% Distill Point	°C	ASTM D86	295	303		
85% Distillation Point	°C	ASTM D86		314		
90% Distill Point	°C	ASTM D86	310	325		
95% Distillation Point	°C	ASTM D86		343		
Final Boiling Point	°C	ASTM D86	341	357		
IGNITION QUALIT	ΤΥ	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	<1		
Sodium	ppm	ASTM D5185m	< 0.1	1		
Potassium	ppm	ASTM D5185m	<0.1	<1		
Water	%	ASTM D6304	< 0.05	0.003		
nnm Matar	ppm	ASTM D6304	<500	37		
ppiii vval e i	PPIII	7 10 T W D 000 T	~000	01		
ppm Water % Gasoline	%	*In-House	< 0.50	0.0		



FUEL REPORT







Certificate 12367

Laboratory Sample No.

Lab Number : 06220282

: WC0957761 Unique Number : 11098479

Received **Tested** Diagnosed

: 25 Jun 2024

: 28 Jun 2024

: 02 Jul 2024 - Doug Bogart 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. Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

210 POWELL DR SUMMERVILLE, SC US 29483

Contact: AJAY EL Ajay@prsfuel.com T: (843)225-1777

Contact/Location: AJAY EL - PETSUM