

FUEL REPORT

Sample Rating Trend

NORMAL



NOT GIVEN KT0000581 (S/N NO INFO GIVEN)

Diesel Fuel

NOT GIVEN (--- GAL)

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.

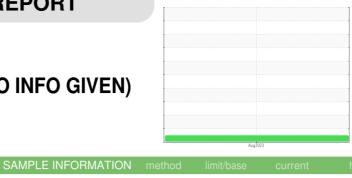
All metal levels are normal indicating no corrosion in the system.

Contaminants

There is a light amount of silt (particulates < 14 microns in size) 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.



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Sample Number		Client Info		KT0000581		
Sample Date		Client Info		24 Aug 2023		
Machine Age	hrs	Client Info		0		
Sample Status				NORMAL		
PHYSICAL PROP	ERTIES	method	limit/base	current	history1	history2
Specific Gravity		*ASTM D1298		0.845		
Fuel Color	text	*Visual Screen		Red		
ASTM Color	scalar	*ASTM D1500		L4.0		
Visc @ 40°C	cSt	ASTM D445		2.7		
Pensky-Martens Flash Point	°C	*PMCC Calculated		60		
SULFUR CONTE	NT	method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m		0		
Sulfur (UVF)	ppm	ASTM D5105111		6		
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DISTILLATION		method	limit/base	current	history1	history2
Initial Boiling Point	°C	ASTM D86		167		
5% Distillation Point	°C	ASTM D86		192		
10% Distill Point	°C	ASTM D86		205		
15% Distillation Point	°C	ASTM D86		214		
20% Distill Point	°C	ASTM D86		222		
30% Distill Point	°C	ASTM D86		238		
40% Distill Point	°C	ASTM D86		252		
50% Distill Point	°C	ASTM D86		267		
60% Distill Point	°C	ASTM D86		280		
70% Distill Point	°C	ASTM D86		292		
80% Distill Point	°C	ASTM D86		306		
85% Distillation Point	°C	ASTM D86		315		
90% Distill Point	°C	ASTM D86		325		
95% Distillation Point	°C	ASTM D86		342		
Final Boiling Point	°C	ASTM D86		351		
Distillation Residue	%	ASTM D86		1.4		
Distillation Loss	%	ASTM D86		0.8		
IGNITION QUALIT	ГΥ	method	limit/base	current	history1	history2
API Gravity		ASTM D7777		36.0		
Cetane Index		ASTM D4737	<40.0	47.8		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<1.0	0		
Sodium	ppm	ASTM D5185m	<0.1	0		
Potassium	ppm	ASTM D5185m	< 0.1	0		
Water	%	ASTM D6304	< 0.05	0.003		
ppm Water	ppm	ASTM D6304	< 500	25.7		
% Gasoline	%	*In-House	< 0.50	0.0		

*In-House <20.0

0.0

% Biodiesel



FUEL REPORT





Certificate L2367

Laboratory Sample No. Lab Number **Unique Number**

: KT0000581 : 05934596

: 10619867 Test Package : DF-2 (Additional Tests: Screen)

Received : 24 Aug 2023 Diagnosed : 01 Sep 2023

Diagnostician : Doug Bogart

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)

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