

FUEL REPORT

Sample Rating Trend

ISO



Component

Diesel Fuel Fluic

No.2 DIESEL FUEL (LOW-SULPHUR) (--- GAL)

DIAGNOSIS

A Recommendation

Laboratory test indicate that this fuel is suitable for use and meets all test requirements. We advise that you filter this fluid before use. We recommend you service the filters on this component. Resample at the next service interval to monitor.

Corrosion

{not applicable}

Contaminants

There is a light amount of silt (particulates < 14 microns in size) present in the fuel. The water content is negligible.

Fuel Condition

All laboratory tests indicate that this sample meets specifications for No.2 diesel fuel, low sulfur (US EPA/CGSB-3.517-3 type B).

SAMPLE INFORM		method	limit/base	current	history1	history2
			11110 0000	WC0866081		
Sample Number		Client Info				
Sample Date	lava	Client Info		11 Oct 2023		
Machine Age	hrs	Client Info				
Sample Status				ATTENTION		
PHYSICAL PROP	ERTIES	method	limit/base	current	history1	history2
Specific Gravity		ASTM D1298*	0.839	0.844		
Fuel Color	text	Visual Screen*	Yllow	Orang		
Visc @ 40°C	cSt	ASTM D7279(m)	3.0	2.6		
Pensky-Martens Flash Point	°C	ASTM D7215*	52	56.1		
SULFUR CONTEN	T	method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185(m)	250	21		
DISTILLATION		method	limit/base	current	history1	history2
nitial Boiling Point	°C	ASTM D2887*	165	168		
5% Distillation Point	°C	ASTM D2887*		195		
10% Distill Point	°C	ASTM D2887*	201	205		
15% Distillation Point	°C	ASTM D2887*		212		
20% Distill Point	°C	ASTM D2887*	216	220		
30% Distill Point	°C	ASTM D2887*	230	234		
40% Distill Point	°C	ASTM D2887*	243	247		
50% Distill Point	°C	ASTM D2887*	255	260		
60% Distill Point	°C	ASTM D2887*	267	274		
70% Distill Point	°C	ASTM D2887*	280	288		
30% Distill Point	°C	ASTM D2887*	295	304		
85% Distillation Point	°C	ASTM D2887*		314		
90% Distill Point	°C	ASTM D2887*	310	324		
95% Distillation Point	°C	ASTM D2887*		339		
Final Boiling Point	°C	ASTM D2887*	341	356		
IGNITION QUALIT	Ϋ́	method	limit/base	current	history1	history2
API Gravity		ASTM D1298*	37.7	36		
Cetane Index		ASTM D4737*	<40.0	47		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	<1.0	<1		
Sodium	ppm	ASTM D5185(m)	<0.1	0		
Potassium	ppm	ASTM D5185(m)	<0.1	<1		
Water	%	ASTM D6304*	<0.05	0.004		
opm Water	ppm	ASTM D6304*	<500	41.8		
FLUID CLEANLIN	ESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>2500	A 3271		
Particles >6µm		ASTM D7647	>640	636		
Particles >14µm		ASTM D7647	>80	25		
Particles >21µm		ASTM D7647	>20	5		
Particles >38µm		ASTM D7647	>4	0		
		AOTH DTO 47	0	•		
Particles >71µm		ASTM D7647	>3	0		

Contact/Location: Guy ? - BPTMIS



FUEL REPORT

