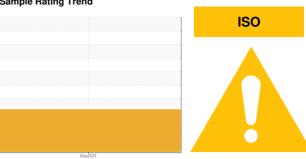


FUEL REPORT

Sample Rating Trend



Machine Id

SPLIT TANK DYED - SPECTRUM

Tank Diesel Fuel

No.2 DIESEL FUEL (ULTRALOW SULPHUR) (

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.

Corrosion

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

Contaminants

There is a high amount of particulates present in the fuel. Light 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.

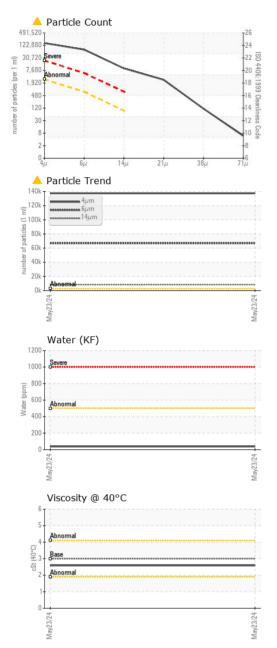
Fuel Condition

Sulfur value derived by ASTM D5453 method for ULSD validation. Sulfur level is acceptable for ULSD specification.

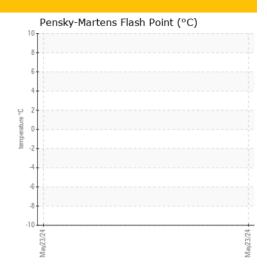
R) (GAL)			1	May 2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0937963		
Sample Date		Client Info		23 May 2024		
Machine Age	hrs	Client Info		0		
Sample Status				ABNORMAL		
PHYSICAL PROP	ERTIES	method	limit/base	current	history1	history2
ASTM Color	scalar	*ASTM D1500		L4.5		
Visc @ 40°C	cSt	ASTM D445	3.0	2.59		
SULFUR CONTE	NT	method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m	10	11		
Sulfur (UVF)	ppm	ASTM D5453		8		
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	0		
Water	%	ASTM D6304	< 0.05	0.003		
ppm Water	ppm	ASTM D6304	< 500	38		
% Gasoline	%	*In-House	< 0.50	0.0		
% Biodiesel	%	*In-House	<20.0	0.0		
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>2500	<u> </u>		
Particles >6µm		ASTM D7647	>640	<u>^</u> 66780		
Particles >14µm		ASTM D7647	>80	<u>A</u> 8416		
Particles >21µm		ASTM D7647	>20	<u>^</u> 2390		
Particles >38µm Particles >71µm		ASTM D7647 ASTM D7647	>4 >3	▲ 100 ▲ 5		
Oil Cleanliness		ISO 4406 (c)	>18/16/13	△ 24/23/20		
HEAVY METALS		method	limit/base			
	20.00			current	history1	history2
Aluminum Nickel	ppm	ASTM D5185m	<0.1	0		
Lead	ppm	ASTM D5185m	<0.1	0		
Vanadium	ppm	ASTM D5185m		0		
Iron	ppm	ASTM D5185m	<0.1	0		
Calcium	ppm	ASTM D5185m	<0.1	1		
Magnesium	ppm	ASTM D5185m	<0.1	0		
Phosphorus	ppm	ASTM D5185m	< 0.1	2		
Zinc	ppm	ASTM D5185m	<0.1	0		
SAMPLE IMAGES	3	method	limit/base	current	history1	history2
Color				122/24:	no image	no image
Bottom					no image	no image
4:56:31) Hev: 1			C	ontact/Location:	GREG GORKE	N - AGRPALFL



FUEL REPORT



GRAPHS





Certificate 12367

Sample No.

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 Lab Number : 06195857

Unique Number : 11057980 Test Package : DF-5 (Additional Tests: Screen)

To discuss this sample report, contact Customer Service at 1-800-237-1369.

: WC0937963 Received **Tested**

Diagnosed

: 30 May 2024 : 13 Jun 2024

: 13 Jun 2024 - Doug Bogart

AGRILAND FS, INC 3321 LANDING PLACE PALM HARBOR, FL US 34684 Contact: GREG GORKEN

ggorken@agrilandfs.com

* - 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) T:

F: