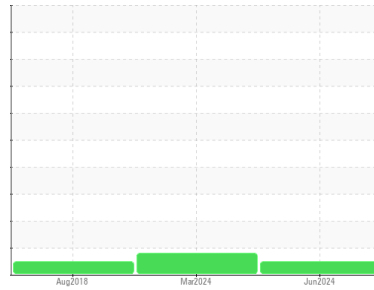




FUEL REPORT

Sample Rating Trend



NORMAL



Machine Id

PASCO WEST COMPOUNT TANK 1

Component

Diesel Fuel

Fluid

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

DIAGNOSIS

Recommendation

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 no bacteria or fungus (yeast and/or mold) indicated in the sample. The water content is negligible. There is no indication of any contamination in the fuel.

Fuel Condition

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

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			WCDF4631	WCDF4565	WCDF00727
Sample Date	Client Info			13 Jun 2024	20 Mar 2024	16 Aug 2018
Machine Age	mls	Client Info		0	0	0
Sample Status				NORMAL	ABNORMAL	NORMAL

PHYSICAL PROPERTIES		method	limit/base	current	history1	history2
ASTM Color	scalar	*ASTM D1500		L0.5	L2.5	L0.5
Visc @ 40°C	cSt	ASTM D445	3.0	2.28	2.26	2.69

SULFUR CONTENT		method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m	10	26	12	6
Sulfur (UVF)	ppm	ASTM D5453		5	7	8

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<1.0	0	0	0
Sodium	ppm	ASTM D5185m	<0.1	2	2	0
Potassium	ppm	ASTM D5185m	<0.1	<1	<1	0
Water	%	ASTM D6304	<0.05	0.004	0.004	0.004
ppm Water	ppm	ASTM D6304	<500	43	45	40
% Gasoline	%	*In-House	<0.50	0.0	0.0	0.0
% Biodiesel	%	*In-House	<20.0	0.0	0.0	0.0

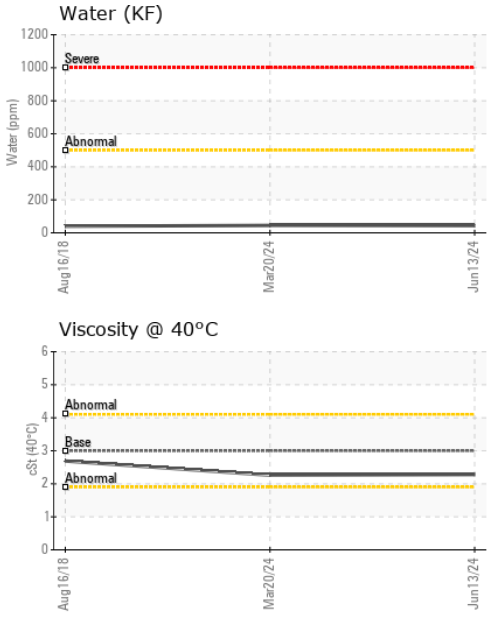
HEAVY METALS		method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185m	<0.1	0	0	0
Nickel	ppm	ASTM D5185m	<0.1	0	0	0
Lead	ppm	ASTM D5185m	<0.1	0	0	0
Vanadium	ppm	ASTM D5185m	<0.1	<1	<1	0
Iron	ppm	ASTM D5185m	<0.1	0	0	<1
Calcium	ppm	ASTM D5185m	<0.1	0	0	0
Magnesium	ppm	ASTM D5185m	<0.1	0	0	0
Phosphorus	ppm	ASTM D5185m	<0.1	0	0	0
Zinc	ppm	ASTM D5185m	<0.1	0	0	0

SAMPLE IMAGES		method	limit/base	current	history1	history2
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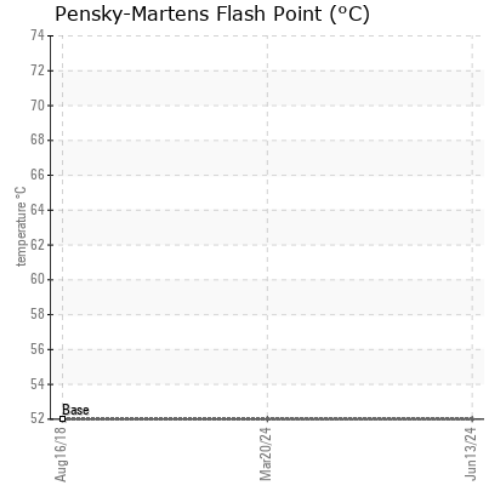
Color						<i>no image</i>
Bottom						<i>no image</i>



FUEL REPORT



GRAPHS



Certificate L2367

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)

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WCDF4631
Lab Number : 06215232
Unique Number : 11088096
Test Package : DF-5 (Additional Tests: PritCount, Screen)

Received : 19 Jun 2024
Tested : 21 Jun 2024
Diagnosed : 21 Jun 2024 - Doug Bogart

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