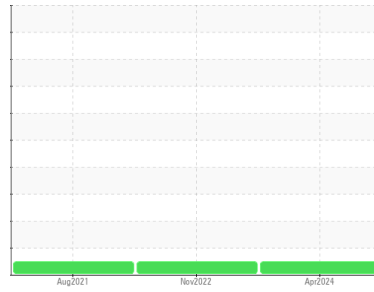




FUEL REPORT

Sample Rating Trend



NORMAL



Area
[136259]
 Machine Id
2057668 - PEPSI
 Component
Diesel Fuel
 Fluid
No.2 DIESEL FUEL (LOW-SULPHUR) (--- GAL)

DIAGNOSIS

Recommendation

All laboratory tests indicate that this sample meets specifications for No.2 diesel fuel, low sulfur.

Corrosion

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

Contaminants

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

Fuel Condition

Sulfur value derived by ASTM D5453 method for ULSD validation. Sulfur level above maximum allowed value for ULSD specification.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			WC0911262	WC0764136	WCDF04167
Sample Date	Client Info			26 Apr 2024	29 Nov 2022	20 Aug 2021
Machine Age	hrs	Client Info		0	0	0
Sample Status				NORMAL	NORMAL	NORMAL

PHYSICAL PROPERTIES		method	limit/base	current	history1	history2
ASTM Color	scalar	*ASTM D1500		L5.0	L4.5	L5.5
Visc @ 40°C	cSt	ASTM D445	3.0	2.46	2.53	2.53

SULFUR CONTENT		method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m	250	124	139	103
Sulfur (UVF)	ppm	ASTM D5453		98	92	104

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<1.0	<1	0	0
Sodium	ppm	ASTM D5185m	<0.1	2	<1	<1
Potassium	ppm	ASTM D5185m	<0.1	<1	0	0
Water	%	ASTM D6304	<0.05	0.004	0.003	0.003
ppm Water	ppm	ASTM D6304	<500	46	35.3	36.1
% Gasoline	%	*In-House	<0.50	0.0	0.0	0.0
% Biodiesel	%	*In-House	<20.0	1.2	1.2	1.2

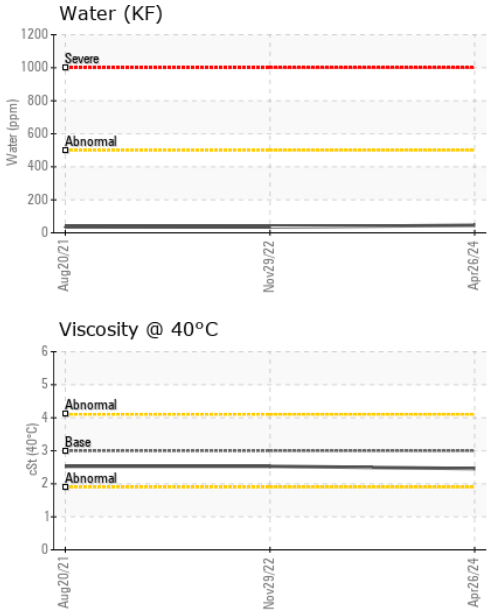
HEAVY METALS		method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185m	<0.1	0	0	0
Nickel	ppm	ASTM D5185m	<0.1	0	0	0
Lead	ppm	ASTM D5185m	<0.1	0	0	0
Vanadium	ppm	ASTM D5185m	<0.1	<1	0	0
Iron	ppm	ASTM D5185m	<0.1	0	0	0
Calcium	ppm	ASTM D5185m	<0.1	0	0	0
Magnesium	ppm	ASTM D5185m	<0.1	<1	0	0
Phosphorus	ppm	ASTM D5185m	<0.1	<1	4	0
Zinc	ppm	ASTM D5185m	<0.1	0	0	0

SAMPLE IMAGES

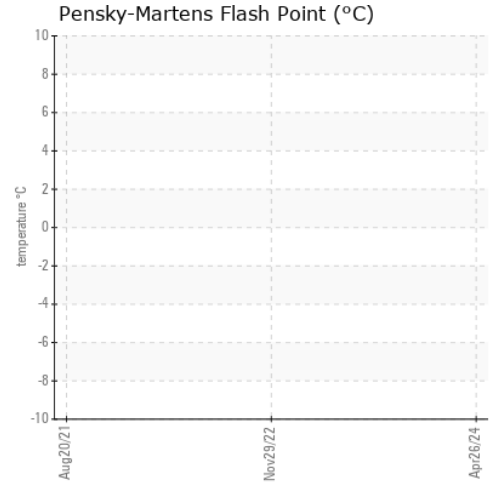
method	limit/base	current	history1	history2
Color				<i>no image</i>
Bottom				<i>no image</i>



FUEL REPORT



GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0911262 **Received** : 13 May 2024
Lab Number : 06177653 **Tested** : 20 May 2024
Unique Number : 11023706 **Diagnosed** : 30 May 2024 - Angela Borella
Test Package : DF-5 (Additional Tests: 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)

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