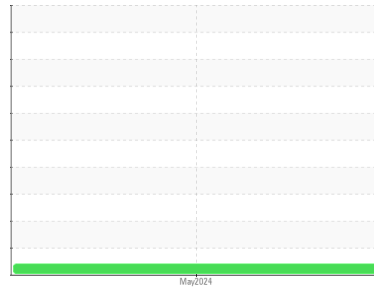




FUEL REPORT

Sample Rating Trend



VIS DEBRIS



Area

[W156266]

Machine Id

IAD2-B-GEN-05 IAD2-B-GEN-05

Component

Diesel Fuel

Fluid

DIESEL FUEL No. 2 (--- GAL)

DIAGNOSIS

Recommendation

We suspect abnormal contamination may be due to sampling method. We recommend you service the filters on this component if applicable. All laboratory tests indicate that this sample meets specifications for No.2 low-sulfur diesel fuel.

Corrosion

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

Contaminants

Moderate concentration of visible dirt/debris present in the fuel. 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.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	WC0911275	---	---
Sample Date	Client Info	07 May 2024	---	---
Machine Age	hrs	Client Info	0	---
Sample Status		ABNORMAL	---	---

PHYSICAL PROPERTIES

method	limit/base	current	history1	history2
ASTM Color	scalar	*ASTM D1500	L4.5	---
Visc @ 40°C	cSt	ASTM D445	4.1	2.46

SULFUR CONTENT

method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m	49	---
Sulfur (UVF)	ppm	ASTM D5453	66	---

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<1.0	<1
Sodium	ppm	ASTM D5185m	<0.1	2
Potassium	ppm	ASTM D5185m	<0.1	<1
Water	%	ASTM D6304	<0.05	0.002
ppm Water	ppm	ASTM D6304	<500	19
% Gasoline	%	*In-House	<0.50	0.0
% Biodiesel	%	*In-House	<20.0	0.0

HEAVY METALS

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

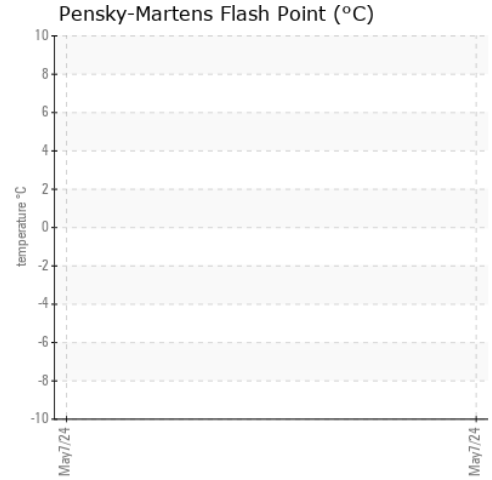
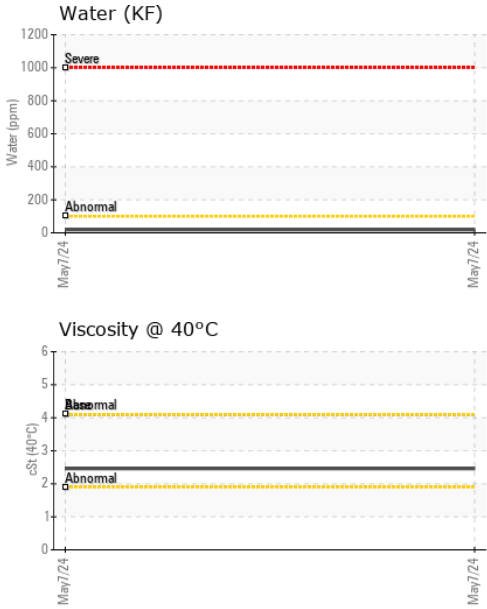
SAMPLE IMAGES

method	limit/base	current	history1	history2
Color			no image	no image
Bottom			no image	no image



FUEL REPORT

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0911275 **Received** : 29 May 2024
Lab Number : 06194552 **Tested** : 12 Jun 2024
Unique Number : 11056675 **Diagnosed** : 12 Jun 2024 - Doug Bogart
Test Package : DF-5 (Additional Tests: PritCount, 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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