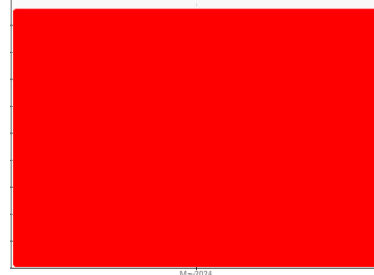




FUEL REPORT

Sample Rating Trend



WATER



Machine Id

SINGLE TANK DYED - SPECTRUM

Component

Tank Diesel Fuel

Fluid

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

DIAGNOSIS

▲ Recommendation

We advise that you check for the source of gasoline entry. Recommend drain fuel if not already done and flush before refilling with fuel.

▲ Corrosion

The iron level is marginal.

▲ Contaminants

There is a high concentration of gasoline present in the fuel. Free water present. High concentration of visible dirt/debris present in the fuel. There is no bacteria or fungus (yeast and/or mold) present in the sample.

▲ Fuel Condition

Gasoline is present in the fuel and is lowering the viscosity. The fuel is no longer serviceable due to the presence of contaminants. 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			WC0937961	---	---
Sample Date	Client Info			23 May 2024	---	---
Machine Age	hrs	Client Info		0	---	---
Sample Status				SEVERE	---	---

PHYSICAL PROPERTIES		method	limit/base	current	history1	history2
ASTM Color	scalar	*ASTM D1500		L3.5	---	---
Visc @ 40°C	cSt	ASTM D445	3.0	▲ 0.59	---	---

SULFUR CONTENT		method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m	10	20	---	---
Sulfur (UVF)	ppm	ASTM D5453		4	---	---

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	0.016	---	---
ppm Water	ppm	ASTM D6304	<500	164	---	---
% Gasoline	%	*In-House	<0.50	▲ 58.6	---	---
% Biodiesel	%	*In-House	<20.0	0.0	---	---

MICROBIAL		method	limit/base	current	history1	history2
Bacteria	CFU/ml	WC-Method	>=100000	0	---	---
Yeast	CFU/ml	WC-Method	>=100000	0	---	---
Mold	Colonies	WC-Method	MODER	---	---	---

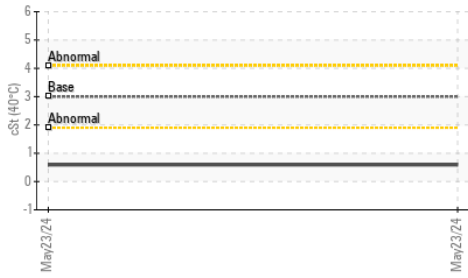
HEAVY METALS		method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185m	<0.1	0	---	---
Nickel	ppm	ASTM D5185m	<0.1	<1	---	---
Lead	ppm	ASTM D5185m	<0.1	0	---	---
Vanadium	ppm	ASTM D5185m	<0.1	0	---	---
Iron	ppm	ASTM D5185m	<0.1	▲ 3	---	---
Calcium	ppm	ASTM D5185m	<0.1	2	---	---
Magnesium	ppm	ASTM D5185m	<0.1	0	---	---
Phosphorus	ppm	ASTM D5185m	<0.1	17	---	---
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

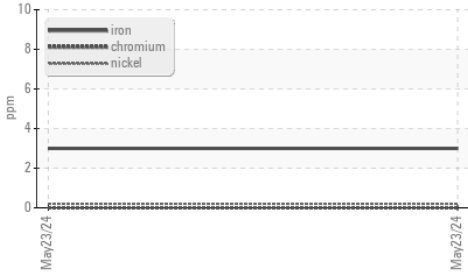


FUEL REPORT

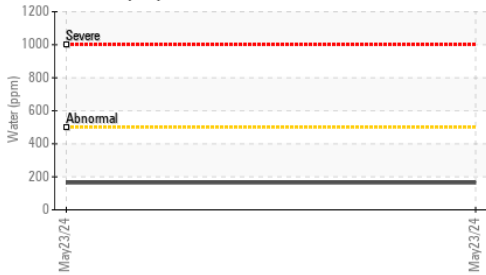
▲ Viscosity @ 40°C



▲ Ferrous Alloys

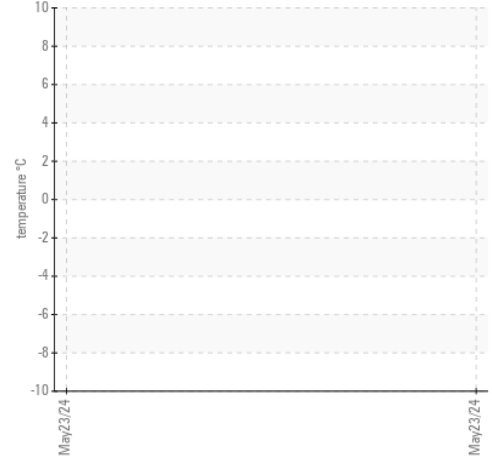


Water (KF)



GRAPHS

Pensky-Martens Flash Point (°C)



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. : WC0937961 **Received** : 30 May 2024
Lab Number : 06195858 **Tested** : 12 Jun 2024
Unique Number : 11057981 **Diagnosed** : 12 Jun 2024 - Doug Bogart
Test Package : DF-5 (Additional Tests: Bacteria, Screen)

AGRILAND FS, INC
 3321 LANDING PLACE
 PALM HARBOR, FL
 US 34684
 Contact: GREG GORKEN
 ggorken@agrilandfs.com

T:
F: