



FUEL REPORT

Sample Rating Trend

WATER



Machine Id
FORD 555 FORD BACKHOE
 Component
Diesel Fuel
 Fluid
DISEL FUEL No. 2 (--- GAL)



DIAGNOSIS

- Recommendation**
Recommend drain fuel if not already done and flush before refilling with fuel.
- Corrosion**
The lead level is abnormal.
- Contaminants**
Appearance is unacceptable. Free water present. There is a moderate amount of visible silt present in the sample. There is a light concentration of water present in the fuel.
- Fuel Condition**
Additive levels indicate the addition of oil. The fuel is no longer serviceable due to the presence of contaminants. Sulfur value derived by ASTM D5453 method for ULSD validation.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			WC0863139	---	---
Sample Date	Client Info			21 Sep 2023	---	---
Machine Age	hrs	Client Info		0	---	---
Sample Status				ABNORMAL	---	---

PHYSICAL PROPERTIES		method	limit/base	current	history1	history2
ASTM Color	scalar	*ASTM D1500		4.0	---	---
Visc @ 40°C	cSt	ASTM D445	4.1	2.63	---	---

SULFUR CONTENT		method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m		108	---	---
Sulfur (UVF)	ppm	ASTM D5453		73	---	---

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<1.0	2	---	---
Sodium	ppm	ASTM D5185m	<0.1	<1	---	---
Potassium	ppm	ASTM D5185m	<0.1	0	---	---
Water	%	ASTM D6304	<0.05	▲ 0.087	---	---
ppm Water	ppm	ASTM D6304	<500	▲ 871.0	---	---
% Gasoline	%	*In-House	<0.50	0.0	---	---
% Biodiesel	%	*In-House	<20.0	0.0	---	---

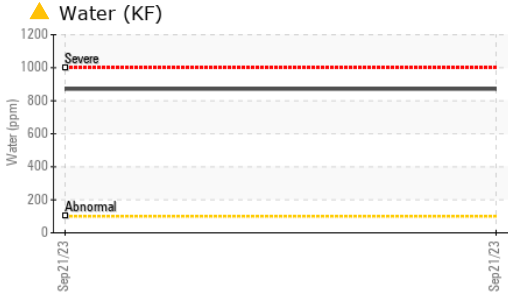
HEAVY METALS		method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185m	<0.1	0	---	---
Nickel	ppm	ASTM D5185m	<0.1	0	---	---
Lead	ppm	ASTM D5185m	<0.1	▲ 12	---	---
Vanadium	ppm	ASTM D5185m	<0.1	0	---	---
Iron	ppm	ASTM D5185m	<0.1	0	---	---
Calcium	ppm	ASTM D5185m	<0.1	▲ 47	---	---
Magnesium	ppm	ASTM D5185m	<0.1	2	---	---
Phosphorus	ppm	ASTM D5185m	<0.1	▲ 25	---	---
Zinc	ppm	ASTM D5185m	<0.1	▲ 17	---	---

SAMPLE IMAGES

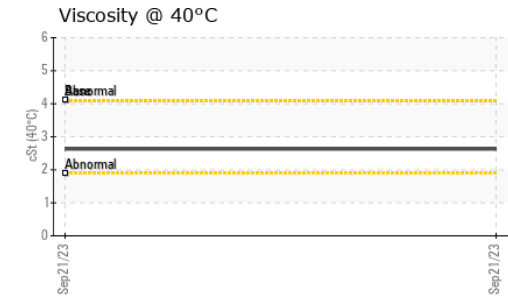
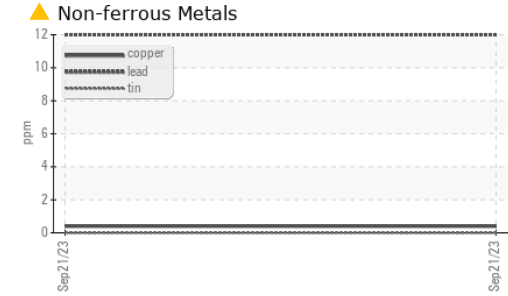
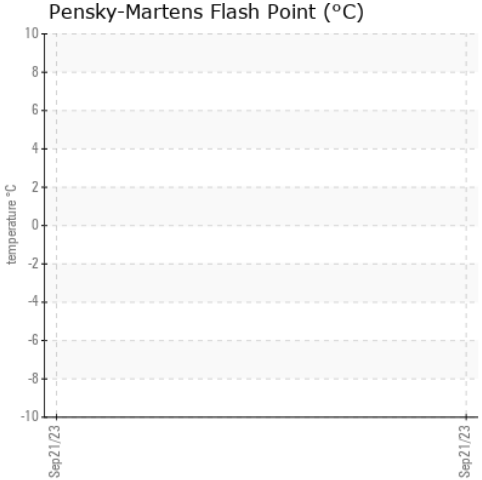
method	limit/base	current	history1	history2
Color			no image	no image
Bottom			no image	no image



FUEL REPORT



GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0863139 **Received** : 22 Sep 2023
Lab Number : 05958872 **Diagnosed** : 27 Sep 2023
Unique Number : 10660085 **Diagnostician** : Doug Bogart
Test Package : DF-5 (Additional Tests: Bacteria, 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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