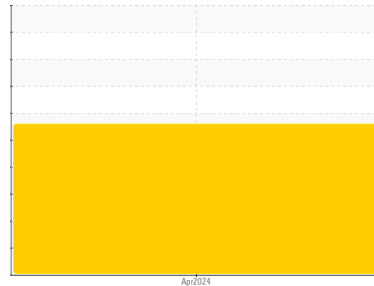




PROBLEM SUMMARY

Machine Id
INTERNATIONAL 257
 Component
Diesel Fuel
 Fluid
 {not provided} (--- GAL)

Sample Rating Trend



COMPONENT CONDITION SUMMARY

No relevant graphs to display

RECOMMENDATION

We advise that you check for the source of coolant entry. We recommend that you drain the fuel and perform a filter service on this component if not already done. We recommend an early resample to monitor this condition. (Customer Sample Comment: Fuel sample truck 257)

PROBLEMATIC TEST RESULTS

Sample Status	SEVERE	---	---
---------------	---------------	-----	-----

Customer Id: LIVBRI
Sample No.: LW0009160
Lab Number: 06142589
Test Package: FLEET



To manage this report scan the QR code

To discuss the diagnosis or test data:
 Jonathan Hester +1 919-379-4092 x4092
jhester@wearcheckusa.com

To change component or sample information:
 Customer Service +1 1-800-237-1369
customerservice@wearcheck.com

RECOMMENDED ACTIONS

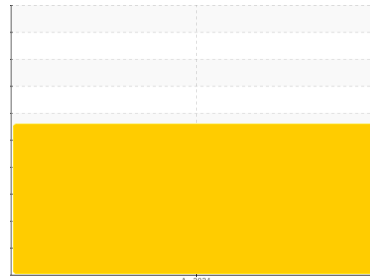
Action	Status	Date	Done By	Description
Change Fluid	---	---	?	We recommend that you drain the fuel and perform a filter service on this component if not already done.
Change Filter	---	---	?	We recommend that you drain the fuel and perform a filter service on this component if not already done.
Resample	---	---	?	We recommend an early resample to monitor this condition.
Check Water Access	---	---	?	We advise that you check for the source of water entry.

HISTORICAL DIAGNOSIS



FUEL REPORT

Sample Rating Trend



WATER



Machine Id
INTERNATIONAL 257

Component
Diesel Fuel
Fluid
{not provided} (--- GAL)

DIAGNOSIS

▲ Recommendation

We advise that you check for the source of coolant entry. We recommend that you drain the fuel and perform a filter service on this component if not already done. We recommend an early resample to monitor this condition. (Customer Sample Comment: Fuel sample truck 257)

Corrosion

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

▲ Contaminants

Excessive free water present. Water appears to be coolant.

Fuel Condition

The fuel is no longer serviceable due to the presence of contaminants.

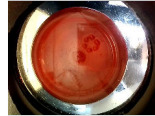

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			LW0009160	---	---
Sample Date	Client Info			01 Apr 2024	---	---
Machine Age	hrs	Client Info		681367	---	---
Sample Status				SEVERE	---	---

PHYSICAL PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445		2.79	---	---

SULFUR CONTENT		method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m		0	---	---

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<1.0	0	---	---
Sodium	ppm	ASTM D5185m	<0.1	2	---	---
Potassium	ppm	ASTM D5185m	<0.1	2	---	---
Water	%	ASTM D6304	<0.05	0.020	---	---
ppm Water	ppm	ASTM D6304	<500	206	---	---

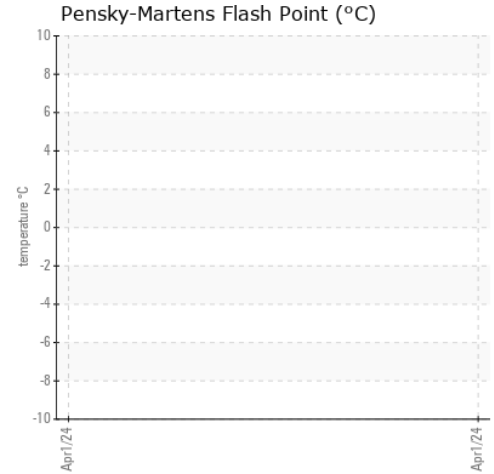
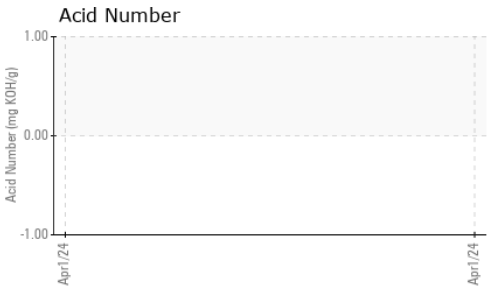
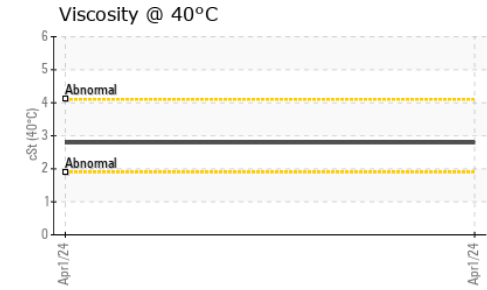
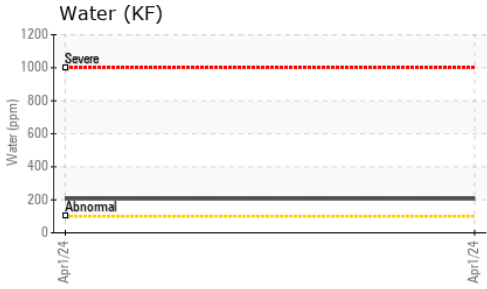
HEAVY METALS		method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185m	<0.1	0	---	---
Nickel	ppm	ASTM D5185m	<0.1	<1	---	---
Lead	ppm	ASTM D5185m	<0.1	0	---	---
Vanadium	ppm	ASTM D5185m	<0.1	0	---	---
Iron	ppm	ASTM D5185m	<0.1	0	---	---
Calcium	ppm	ASTM D5185m	<0.1	0	---	---
Magnesium	ppm	ASTM D5185m	<0.1	0	---	---
Phosphorus	ppm	ASTM D5185m	<0.1	0	---	---
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. : LW0009160 **Received** : 08 Apr 2024
Lab Number : 06142589 **Tested** : 12 Apr 2024
Unique Number : 10967397 **Diagnosed** : 12 Apr 2024 - Jonathan Hester
Test Package : FLEET (Additional Tests: Bacteria, KF)

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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 parts@livtransportation.com

T:
F: