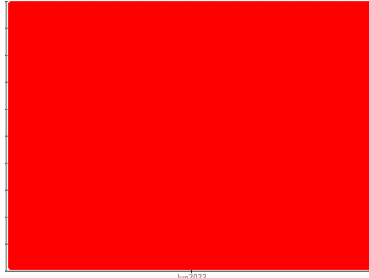




PROBLEM SUMMARY

Sample Rating Trend

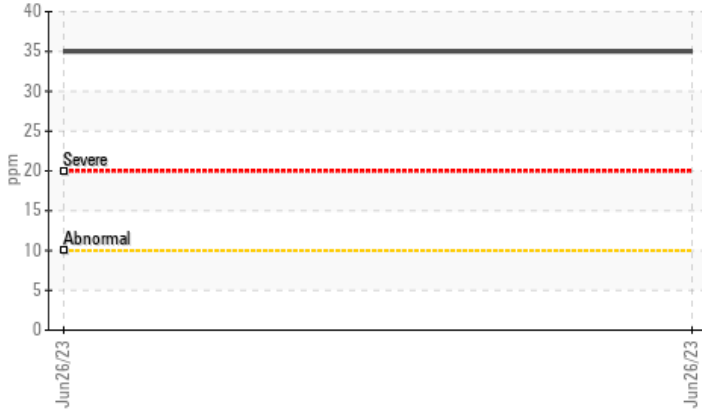
WATER



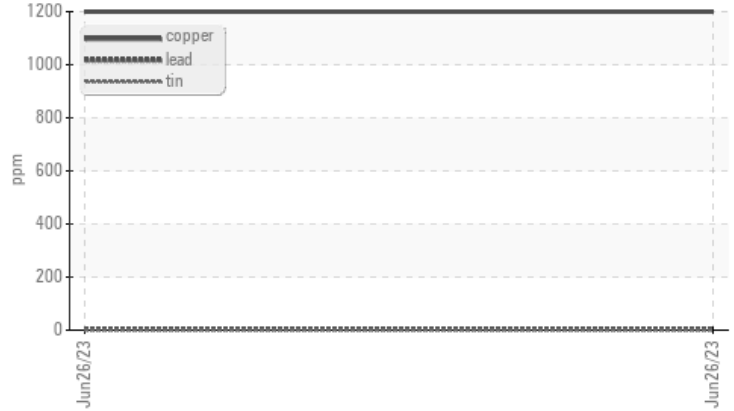
Machine Id
925025
Component
Diesel Fuel
Fluid
NOT GIVEN (--- GAL)

COMPONENT CONDITION SUMMARY

● Silicon (ppm)



▲ Non-ferrous Metals



RECOMMENDATION

We advise that you check for the source of coolant entry. We advise that you check the fuel injection system. We advise that you follow the water drain-off procedure for this component. Recommend drain fuel if not already done and flush before refilling with fuel.

PROBLEMATIC TEST RESULTS

Sample Status				SEVERE	---	---
Silicon	ppm	ASTM D5185m	<1.0	● 35	---	---

Customer Id: GFL947
Sample No.: GFL0082529
Lab Number: 05888589
Test Package: FLEET



To manage this report scan the QR code

To discuss the diagnosis or test data:
Doug Bogart +1 (800)237-1369 x4016
dougb@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	---	---	?	Recommend drain fuel if not already done and flush with cleaner before refilling with fuel.
Flush System	---	---	?	Recommend drain fuel if not already done and flush with cleaner before refilling with fuel.
Water Drain-off	---	---	?	We advise that you follow the water drain-off procedure for this component.
Check Fuel/injector System	---	---	?	We advise that you check the fuel injection system.
Check Water Access	---	---	?	We advise that you check for the source of water entry.

HISTORICAL DIAGNOSIS



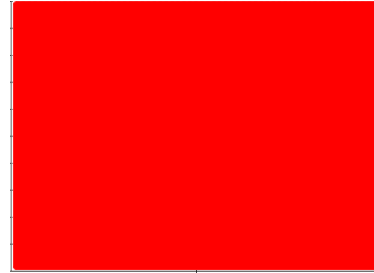
FUEL REPORT

Sample Rating Trend

WATER



Machine Id
925025
Component
Diesel Fuel
Fluid
NOT GIVEN (--- GAL)



DIAGNOSIS

Recommendation

We advise that you check for the source of coolant entry. We advise that you check the fuel injection system. We advise that you follow the water drain-off procedure for this component. Recommend drain fuel if not already done and flush before refilling with fuel.

Corrosion

The copper level is abnormal.

Contaminants

Test for glycol is positive. Excessive free water/antifreeze present.

Fuel Condition

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

SAMPLE INFORMATION

	method	limit/base	current	history 1	history 2
Sample Number	Client Info		GFL0082529	---	---
Sample Date	Client Info		26 Jun 2023	---	---
Machine Age	hrs	Client Info	20738	---	---
Sample Status			SEVERE	---	---

SULFUR CONTENT

	method	limit/base	current	history 1	history 2
Sulfur	ppm	ASTM D5185m	111	---	---

CONTAMINANTS

	method	limit/base	current	history 1	history 2
Silicon	ppm	ASTM D5185m	<1.0	35	---
Sodium	ppm	ASTM D5185m	<0.1	5820	---
Potassium	ppm	ASTM D5185m	<0.1	979	---

HEAVY METALS

	method	limit/base	current	history 1	history 2
Aluminum	ppm	ASTM D5185m	<0.1	0	---
Lead	ppm	ASTM D5185m	<0.1	5	---
Iron	ppm	ASTM D5185m	<0.1	0	---
Calcium	ppm	ASTM D5185m	<0.1	57	---
Magnesium	ppm	ASTM D5185m	<0.1	33	---
Phosphorus	ppm	ASTM D5185m	<0.1	35	---
Zinc	ppm	ASTM D5185m	<0.1	1200	---

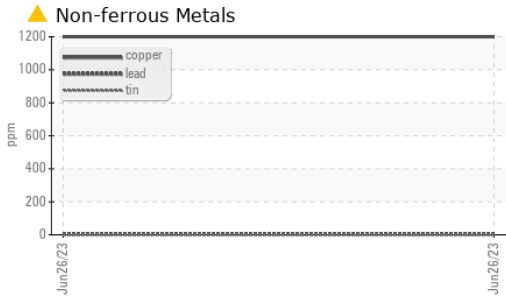
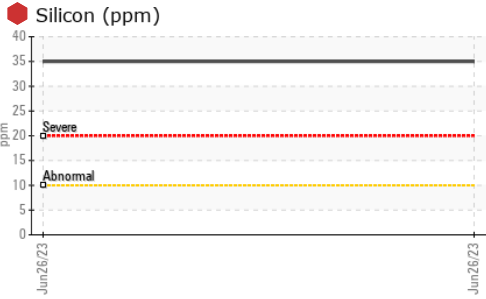
SAMPLE IMAGES

	method	limit/base	current	history 1	history 2
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. : GFL0082529 **Received** : 30 Jun 2023
Lab Number : **05888589** **Diagnosed** : 11 Jul 2023
Unique Number : 10539072 **Diagnostician** : Doug Bogart
Test Package : FLEET (Additional Tests: Bacteria, KF)

GFL Environmental - 947 - WB Horicon HC
 N7296 County Rd V
 Horicon, WI
 US 53032
 Contact: Tim Kieffer
 tim.kieffer@gflenv.com
 T: (608)219-0288
 F:

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)