



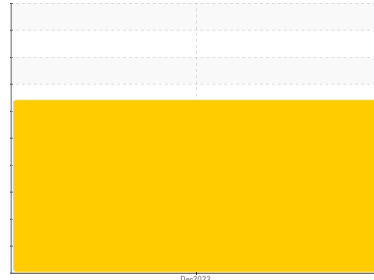
PROBLEM SUMMARY

Sample Rating Trend

WEAR

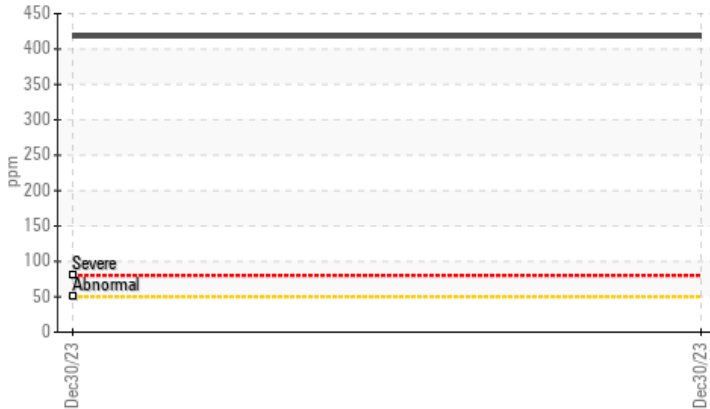


Machine Id
925014-915
Component
Transmission
Fluid
{not provided} (--- LTR)



COMPONENT CONDITION SUMMARY

Aluminum (ppm)



RECOMMENDATION

We recommend that you drain the fluid and perform a filter service on this component if not already done. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition.

PROBLEMATIC TEST RESULTS

Sample Status				SEVERE	---	---
Aluminum	ppm	ASTM D5185m	>50	● 418	---	---
Debris	scalar	*Visual	NONE	▲ MODER	---	---

Customer Id: GFL654
Sample No.: GFL0101344
Lab Number: 06049731
Test Package: FLEET



To manage this report scan the QR code

To discuss the diagnosis or test data:
Don Baldrige +1
don.b505@comcast.net

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

RECOMMENDED ACTIONS

Action	Status	Date	Done By	Description
Inspect Wear Source	---	---	?	We advise that you inspect for the source(s) of wear.
Change Fluid	---	---	?	We recommend that you drain the fluid and perform a filter service on this component if not already done.
Change Filter	---	---	?	We recommend that you drain the fluid and perform a filter service on this component if not already done.
Resample	---	---	?	We recommend an early resample to monitor this condition.

HISTORICAL DIAGNOSIS



OIL ANALYSIS REPORT

Sample Rating Trend

WEAR



Machine Id
925014-915
Component
Transmission
Fluid
{not provided} (--- LTR)



DIAGNOSIS

Recommendation

We recommend that you drain the fluid and perform a filter service on this component if not already done. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition.

Wear

The aluminum level is severe. Clutch and/or bushing/bearing wear is indicated.

Contamination

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

Fluid Condition

The fluid is no longer serviceable as a result of the abnormal and/or severe wear.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		GFL0101344	---	---
Sample Date	Client Info		30 Dec 2023	---	---
Machine Age	hrs	Client Info	24773	---	---
Oil Age	hrs	Client Info	0	---	---
Oil Changed	Client Info		Not Chngd	---	---
Sample Status			SEVERE	---	---

CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>0.1	NEG	---	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>320	60	---
Chromium	ppm	ASTM D5185m	>5	<1	---
Nickel	ppm	ASTM D5185m	>5	1	---
Titanium	ppm	ASTM D5185m		<1	---
Silver	ppm	ASTM D5185m		0	---
Aluminum	ppm	ASTM D5185m	>50	418	---
Lead	ppm	ASTM D5185m	>65	2	---
Copper	ppm	ASTM D5185m	>95	20	---
Tin	ppm	ASTM D5185m	>6	<1	---
Vanadium	ppm	ASTM D5185m		<1	---
Cadmium	ppm	ASTM D5185m		0	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		73	---
Barium	ppm	ASTM D5185m		0	---
Molybdenum	ppm	ASTM D5185m		0	---
Manganese	ppm	ASTM D5185m		2	---
Magnesium	ppm	ASTM D5185m		8	---
Calcium	ppm	ASTM D5185m		119	---
Phosphorus	ppm	ASTM D5185m		210	---
Zinc	ppm	ASTM D5185m		9	---
Sulfur	ppm	ASTM D5185m		1685	---

CONTAMINANTS

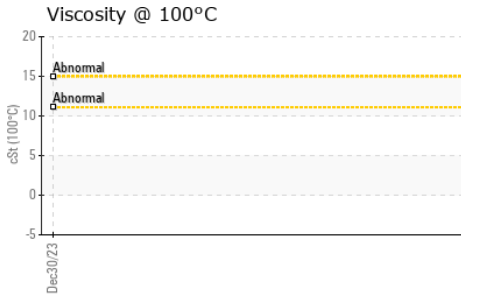
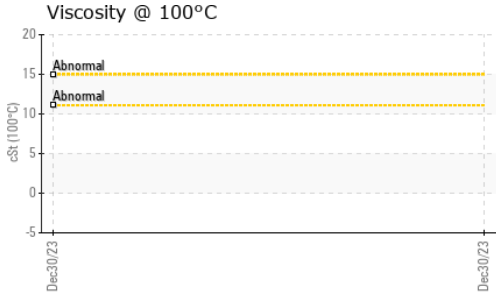
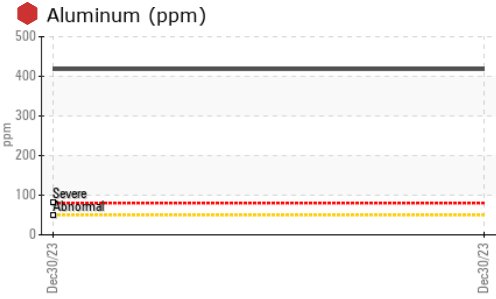
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>65	55	---
Sodium	ppm	ASTM D5185m		3	---
Potassium	ppm	ASTM D5185m	>20	2	---

VISUAL

	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	---
Precipitate	scalar	*Visual	NONE	NONE	---
Silt	scalar	*Visual	NONE	NONE	---
Debris	scalar	*Visual	NONE	MODER	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.1	NEG	---
Free Water	scalar	*Visual		NEG	---



OIL ANALYSIS REPORT



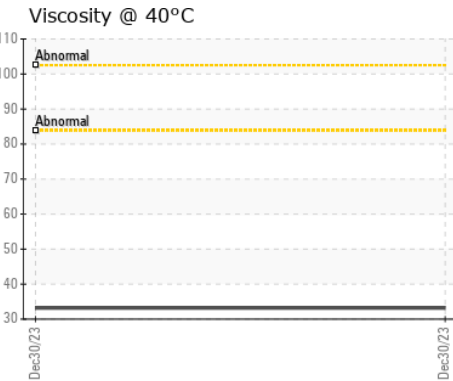
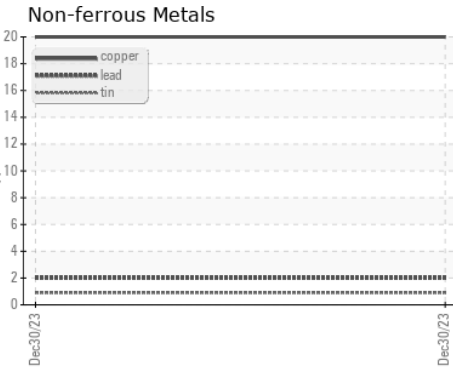
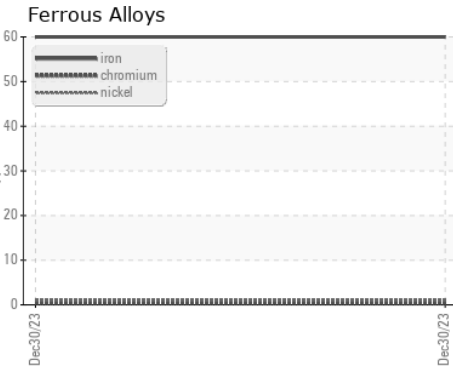
FLUID PROPERTIES

method	limit/base	current	history1	history2
Visc @ 40°C	cSt ASTM D445	33.17	---	---

SAMPLE IMAGES

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

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : GFL0101344 **Received** : 03 Jan 2024
Lab Number : **06049731** **Diagnosed** : 05 Jan 2024
Unique Number : 10810339 **Diagnostician** : Don Baldrige
Test Package : FLEET (Additional Tests: FT-IR, KV100)

GFL Environmental - 654 - Richmond Hauling
 11800 Lewis Road
 Chester, VA
 US 23831
 Contact: Jimmy Mayes
 jmayes@gflenv.com

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)

T:
F: