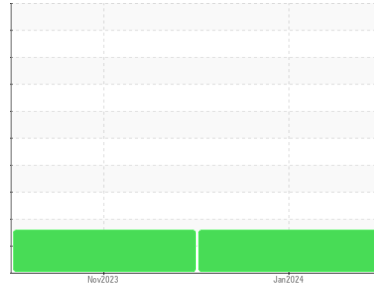




OIL ANALYSIS REPORT

Sample Rating Trend

DIRT



Machine Id
420056
Component
Transmission (Auto)
Fluid
{not provided} (--- GAL)

DIAGNOSIS

Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

Elemental level of silicon (Si) above normal indicating ingress of seal material.

Fluid Condition

The condition of the fluid is acceptable for the time in service.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	GFL0103591	GFL0097817	---
Sample Date	Client Info	08 Jan 2024	22 Nov 2023	---
Machine Age	hrs	Client Info	0	0
Oil Age	hrs	Client Info	1200	1200
Oil Changed	Client Info	N/A	N/A	---
Sample Status		ABNORMAL	ABNORMAL	---

CONTAMINATION

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

WEAR METALS

method	limit/base	current	history1	history2
Iron	ppm ASTM D5185m >220	36	38	---
Chromium	ppm ASTM D5185m >2	0	<1	---
Nickel	ppm ASTM D5185m >5	0	<1	---
Titanium	ppm ASTM D5185m	0	<1	---
Silver	ppm ASTM D5185m >5	0	0	---
Aluminum	ppm ASTM D5185m >75	3	2	---
Lead	ppm ASTM D5185m >95	0	<1	---
Copper	ppm ASTM D5185m >60	39	44	---
Tin	ppm ASTM D5185m >10	0	<1	---
Vanadium	ppm ASTM D5185m	0	0	---
Cadmium	ppm ASTM D5185m	0	<1	---

ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185m	4	6	---
Barium	ppm ASTM D5185m	0	0	---
Molybdenum	ppm ASTM D5185m	<1	2	---
Manganese	ppm ASTM D5185m	10	12	---
Magnesium	ppm ASTM D5185m	<1	2	---
Calcium	ppm ASTM D5185m	805	892	---
Phosphorus	ppm ASTM D5185m	617	567	---
Zinc	ppm ASTM D5185m	8	0	---
Sulfur	ppm ASTM D5185m	4541	4828	---

CONTAMINANTS

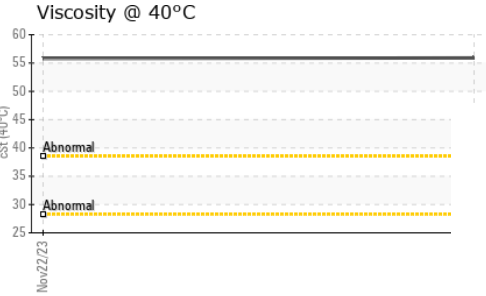
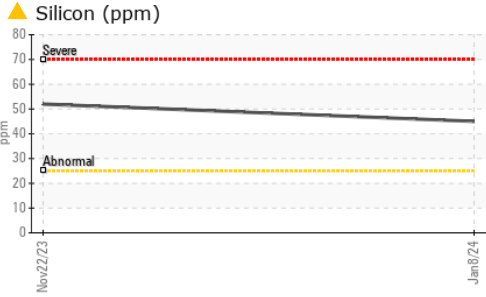
method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185m >25	▲ 45	▲ 52	---
Sodium	ppm ASTM D5185m	1	0	---
Potassium	ppm ASTM D5185m >20	0	2	---

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	NONE	---
Sand/Dirt	scalar *Visual	NONE	NONE	---
Appearance	scalar *Visual	NORML	NORML	---
Odor	scalar *Visual	NORML	NORML	---
Emulsified Water	scalar *Visual	NEG	NEG	---
Free Water	scalar *Visual	NEG	NEG	---



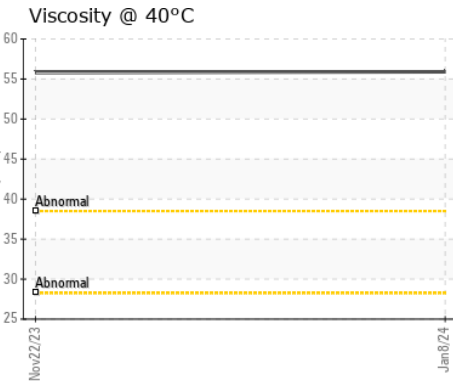
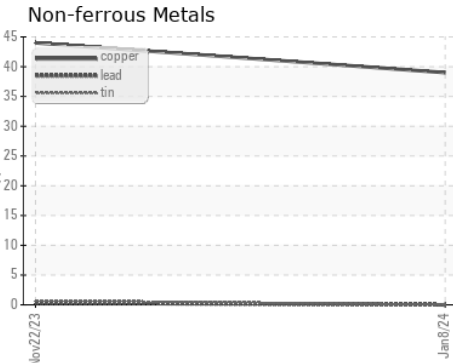
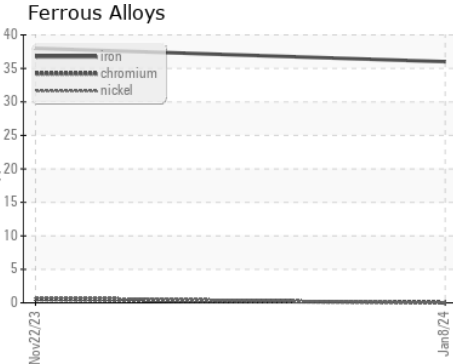
OIL ANALYSIS REPORT



FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445		55.9	55.8	---

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

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : GFL0103591 **Recieved** : 11 Jan 2024
Lab Number : 06058920 **Diagnosed** : 15 Jan 2024
Unique Number : 10830302 **Diagnostician** : Don Baldrige
Test Package : FLEET

GFL Environmental - 958 - Tri County HC Morton
 1090 W. Jefferson St.
 Morton, IL
 US 61550
 Contact: Bryan Link
 blink@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: