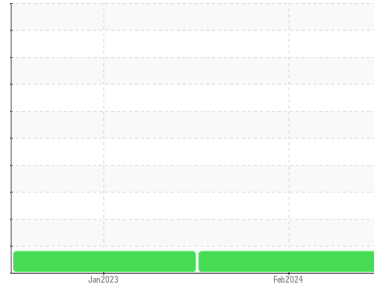




OIL ANALYSIS REPORT

Sample Rating Trend



WEAR



Machine Id
727093-310017

Component
Transmission (Auto)

Fluid
PETRO CANADA DuraDrive HD Synthetic 668 (--- GAL)

DIAGNOSIS

Recommendation

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor.

Wear

Gear wear is indicated.

Contamination

There is no indication of any contamination in the fluid.

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	GFL0103998	GFL0065167	---
Sample Date	Client Info	07 Feb 2024	28 Jan 2023	---
Machine Age	hrs	17566	15325	---
Oil Age	hrs	0	196	---
Oil Changed	Client Info	Changed	Changed	---
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 >160	▲ 258	▲ 288	---
Chromium	ppm ASTM D5185m >5	<1	<1	---
Nickel	ppm ASTM D5185m >5	0	0	---
Titanium	ppm ASTM D5185m	0	0	---
Silver	ppm ASTM D5185m >5	0	0	---
Aluminum	ppm ASTM D5185m >50	33	44	---
Lead	ppm ASTM D5185m >50	0	<1	---
Copper	ppm ASTM D5185m >225	23	47	---
Tin	ppm ASTM D5185m >10	<1	<1	---
Vanadium	ppm ASTM D5185m	0	0	---
Cadmium	ppm ASTM D5185m	0	0	---

ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185m	63	59	---
Barium	ppm ASTM D5185m	0	1	---
Molybdenum	ppm ASTM D5185m	0	<1	---
Manganese	ppm ASTM D5185m	3	2	---
Magnesium	ppm ASTM D5185m	2	10	---
Calcium	ppm ASTM D5185m	118	128	---
Phosphorus	ppm ASTM D5185m	206	201	---
Zinc	ppm ASTM D5185m	9	31	---
Sulfur	ppm ASTM D5185m	1494	1668	---

CONTAMINANTS

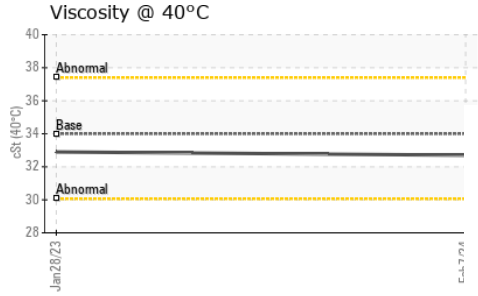
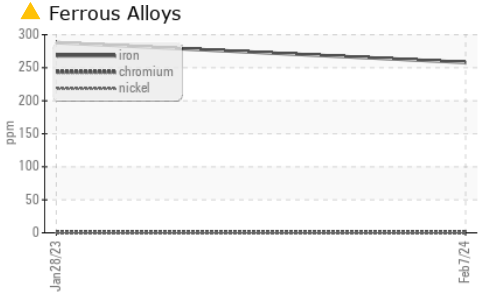
method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185m >20	11	13	---
Sodium	ppm ASTM D5185m	7	2	---
Potassium	ppm ASTM D5185m >20	0	2	---

VISUAL

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



OIL ANALYSIS REPORT



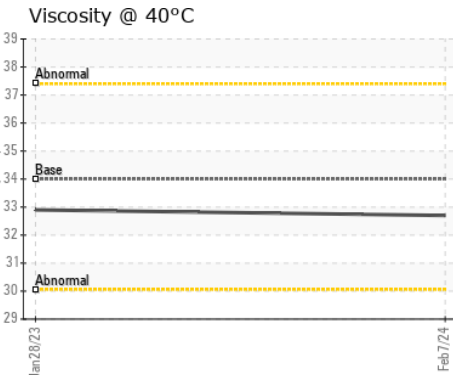
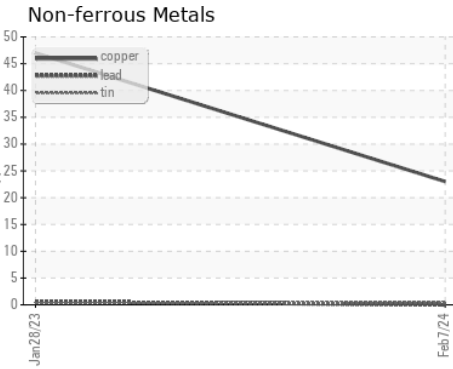
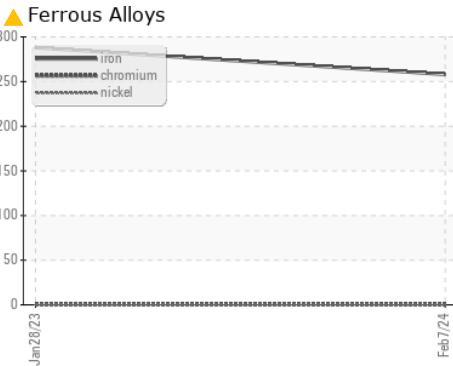
FLUID PROPERTIES

method	limit/base	current	history1	history2
Visc @ 40°C	cSt ASTM D445 34	32.7	32.9	---

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. : GFL0103998 **Received** : 12 Feb 2024
Lab Number : **06086447** **Tested** : 13 Feb 2024
Unique Number : 10873892 **Diagnosed** : 13 Feb 2024 - Don Baldrige
Test Package : FLEET

GFL Environmental - 865 - East Mount Hauling
 7213 East Mount Houston Road
 Houston, TX
 US 77050
 Contact: Saul Castillo
 saul.castillo@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: