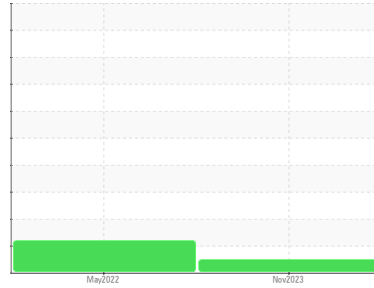




OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id
923031-260313

Component
Transmission (Auto)

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

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

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	GFL0099952	GFL0033919	---
Sample Date	Client Info	15 Nov 2023	10 May 2022	---
Machine Age	hrs	5442	2523	---
Oil Age	hrs	5442	2700	---
Oil Changed	Client Info	Not Changed	Changed	---
Sample Status		NORMAL	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	144	130	---
Chromium	ppm ASTM D5185m >5	0	<1	---
Nickel	ppm ASTM D5185m >5	<1	0	---
Titanium	ppm ASTM D5185m	<1	0	---
Silver	ppm ASTM D5185m >5	0	0	---
Aluminum	ppm ASTM D5185m >50	18	15	---
Lead	ppm ASTM D5185m >50	10	9	---
Copper	ppm ASTM D5185m >225	22	16	---
Tin	ppm ASTM D5185m >10	2	2	---
Vanadium	ppm ASTM D5185m	0	0	---
Cadmium	ppm ASTM D5185m	0	0	---

ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185m	135	156	---
Barium	ppm ASTM D5185m	0	0	---
Molybdenum	ppm ASTM D5185m	<1	<1	---
Manganese	ppm ASTM D5185m	1	1	---
Magnesium	ppm ASTM D5185m	1	2	---
Calcium	ppm ASTM D5185m	90	104	---
Phosphorus	ppm ASTM D5185m	280	344	---
Zinc	ppm ASTM D5185m	2	14	---
Sulfur	ppm ASTM D5185m	1028	967	---

CONTAMINANTS

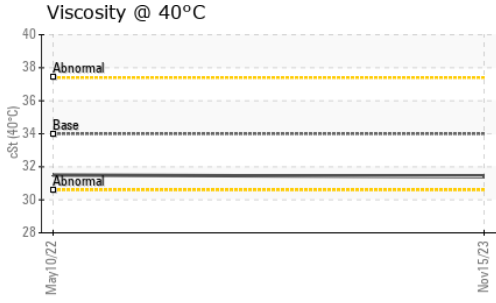
method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185m >20	4	4	---
Sodium	ppm ASTM D5185m	<1	<1	---
Potassium	ppm ASTM D5185m >20	2	1	---

VISUAL

method	limit/base	current	history1	history2
White Metal	scalar *Visual NONE	NONE	▲ MODER	---
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



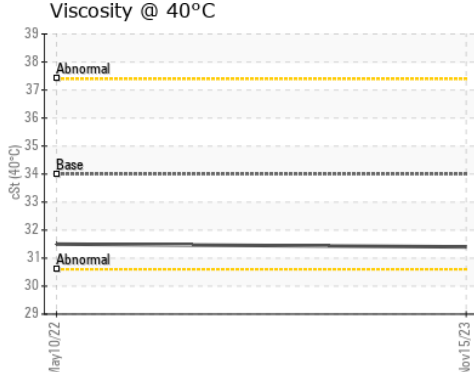
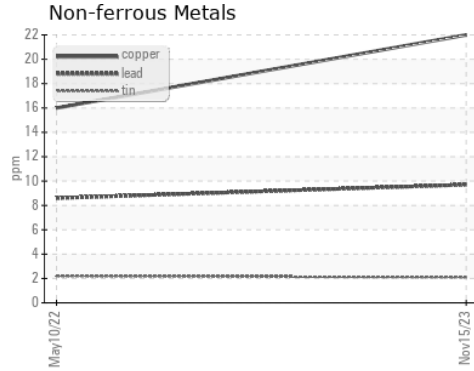
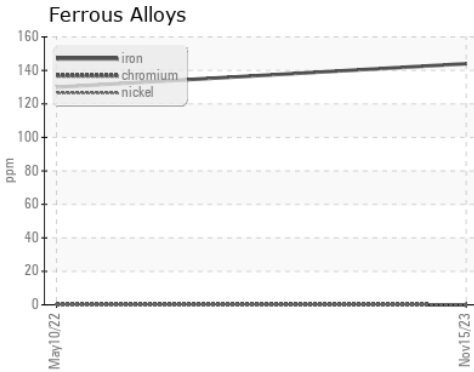
FLUID PROPERTIES

method	limit/base	current	history1	history2
Visc @ 40°C	cSt ASTM D445 34	31.4	31.5	---

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. : GFL0099952 **Received** : 20 Nov 2023
Lab Number : 06012856 **Diagnosed** : 22 Nov 2023
Unique Number : 10752000 **Diagnostician** : Sean Felton
Test Package : FLEET

GFL Environmental - 836 - Kansas City Hauling
 7801 East Truman Road
 Kansas City, MO
 US 64126
 Contact: Robert Hart
 rhart@gflenv.com
 T: (580)461-1509
 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)