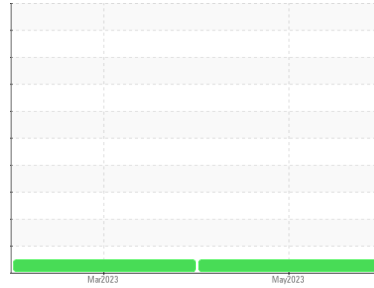




# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Area  
**[404634]**  
 Machine Id  
**727088-361670**

Component  
**Transmission (Auto)**  
 Fluid  
**PETRO CANADA DuraDrive HD Synthetic 668 (--- GAL)**

## DIAGNOSIS

### Recommendation

Resample at the next service interval to monitor. ( Customer Sample Comment: 404634 )

### 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	<b>GFL0083436</b>	GFL0074193	---
Sample Date	Client Info	<b>24 May 2023</b>	17 Mar 2023	---
Machine Age	hrs Client Info	<b>15491</b>	15143	---
Oil Age	hrs Client Info	<b>15491</b>	15143	---
Oil Changed	Client Info	<b>Changed</b>	Changed	---
Sample Status		<b>NORMAL</b>	NORMAL	---

## WEAR METALS

method	limit/base	current	history1	history2
Iron ppm	ASTM D5185m >160	<b>36</b>	80	---
Chromium ppm	ASTM D5185m >5	<b>0</b>	0	---
Nickel ppm	ASTM D5185m >5	<b>&lt;1</b>	0	---
Titanium ppm	ASTM D5185m	<b>0</b>	<1	---
Silver ppm	ASTM D5185m >5	<b>0</b>	0	---
Aluminum ppm	ASTM D5185m >50	<b>8</b>	17	---
Lead ppm	ASTM D5185m >50	<b>2</b>	4	---
Copper ppm	ASTM D5185m >225	<b>7</b>	15	---
Tin ppm	ASTM D5185m >10	<b>&lt;1</b>	2	---
Vanadium ppm	ASTM D5185m	<b>0</b>	0	---
Cadmium ppm	ASTM D5185m	<b>0</b>	0	---

## ADDITIVES

method	limit/base	current	history1	history2
Boron ppm	ASTM D5185m	<b>76</b>	71	---
Barium ppm	ASTM D5185m	<b>0</b>	0	---
Molybdenum ppm	ASTM D5185m	<b>&lt;1</b>	<1	---
Manganese ppm	ASTM D5185m	<b>&lt;1</b>	2	---
Magnesium ppm	ASTM D5185m	<b>2</b>	2	---
Calcium ppm	ASTM D5185m	<b>123</b>	110	---
Phosphorus ppm	ASTM D5185m	<b>218</b>	208	---
Zinc ppm	ASTM D5185m	<b>4</b>	<1	---
Sulfur ppm	ASTM D5185m	<b>2689</b>	1529	---

## CONTAMINANTS

method	limit/base	current	history1	history2
Silicon ppm	ASTM D5185m >20	<b>5</b>	7	---
Sodium ppm	ASTM D5185m	<b>1</b>	3	---
Potassium ppm	ASTM D5185m >20	<b>1</b>	<1	---

## VISUAL

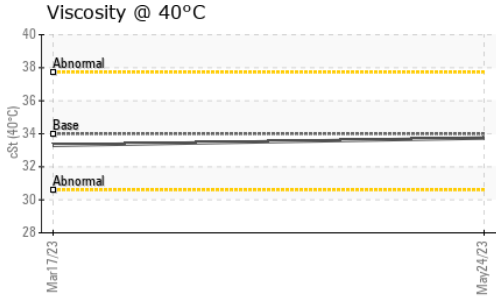
method	limit/base	current	history1	history2
White Metal scalar	*Visual NONE	<b>NONE</b>	NONE	---
Yellow Metal scalar	*Visual NONE	<b>NONE</b>	NONE	---
Precipitate scalar	*Visual NONE	<b>NONE</b>	NONE	---
Silt scalar	*Visual NONE	<b>NONE</b>	NONE	---
Debris scalar	*Visual NONE	<b>NONE</b>	NONE	---
Sand/Dirt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

## FLUID PROPERTIES

method	limit/base	current	history1	history2
Visc @ 40°C cSt	ASTM D445 34	<b>33.74</b>	33.3	---

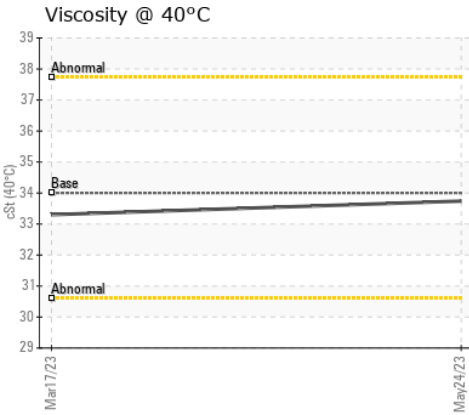
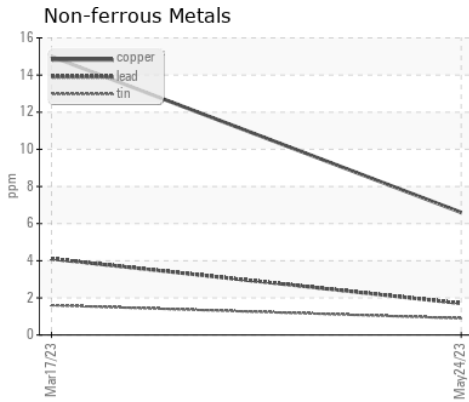
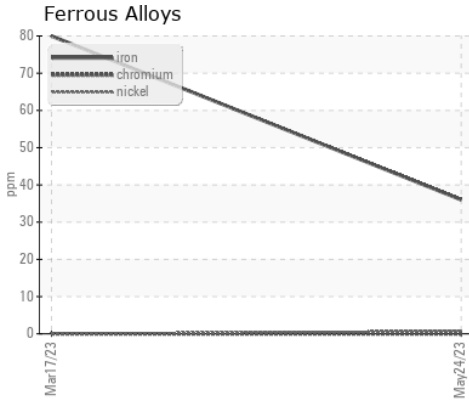


# OIL ANALYSIS REPORT



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.** : GFL0083436     **Received** : 02 Jun 2023  
**Lab Number** : **05863379**     **Diagnosed** : 07 Jun 2023  
**Unique Number** : 10497844     **Diagnostician** : Jonathan Hester  
**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  
 T:  
 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)