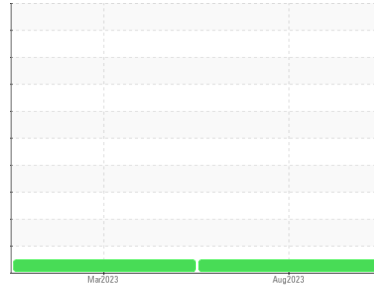




# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Machine Id  
**713058**

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	<b>GFL0083468</b>	GFL0074232	---
Sample Date	Client Info	<b>22 Aug 2023</b>	23 Mar 2023	---
Machine Age	hrs Client Info	<b>2397</b>	1208	---
Oil Age	hrs Client Info	<b>2397</b>	1208	---
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>66</b>	54	---
Chromium ppm	ASTM D5185m >5	<b>0</b>	<1	---
Nickel ppm	ASTM D5185m >5	<b>0</b>	<1	---
Titanium ppm	ASTM D5185m	<b>0</b>	0	---
Silver ppm	ASTM D5185m >5	<b>0</b>	0	---
Aluminum ppm	ASTM D5185m >50	<b>21</b>	12	---
Lead ppm	ASTM D5185m >50	<b>18</b>	8	---
Copper ppm	ASTM D5185m >225	<b>10</b>	7	---
Tin ppm	ASTM D5185m >10	<b>2</b>	2	---
Vanadium ppm	ASTM D5185m	<b>&lt;1</b>	0	---
Cadmium ppm	ASTM D5185m	<b>0</b>	0	---

## ADDITIVES

method	limit/base	current	history1	history2
Boron ppm	ASTM D5185m	<b>82</b>	87	---
Barium ppm	ASTM D5185m	<b>0</b>	0	---
Molybdenum ppm	ASTM D5185m	<b>&lt;1</b>	<1	---
Manganese ppm	ASTM D5185m	<b>1</b>	1	---
Magnesium ppm	ASTM D5185m	<b>0</b>	0	---
Calcium ppm	ASTM D5185m	<b>76</b>	67	---
Phosphorus ppm	ASTM D5185m	<b>264</b>	289	---
Zinc ppm	ASTM D5185m	<b>0</b>	0	---
Sulfur ppm	ASTM D5185m	<b>1450</b>	1224	---

## CONTAMINANTS

method	limit/base	current	history1	history2
Silicon ppm	ASTM D5185m >20	<b>4</b>	7	---
Sodium ppm	ASTM D5185m	<b>8</b>	5	---
Potassium ppm	ASTM D5185m >20	<b>3</b>	4	---

## VISUAL

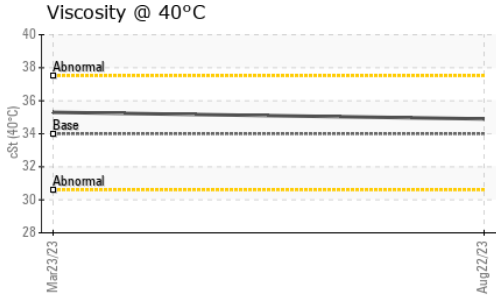
method	limit/base	current	history1	history2
White Metal scalar	*Visual NONE	<b>NONE</b>	NONE	---
Yellow Metal scalar	*Visual NONE	<b>NONE</b>	NONE	---
Precipitate scalar	*Visual NONE	<b>NONE</b>	NONE	---
Silt scalar	*Visual NONE	<b>NONE</b>	NONE	---
Debris scalar	*Visual NONE	<b>NONE</b>	NONE	---
Sand/Dirt 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>34.9</b>	35.3	---

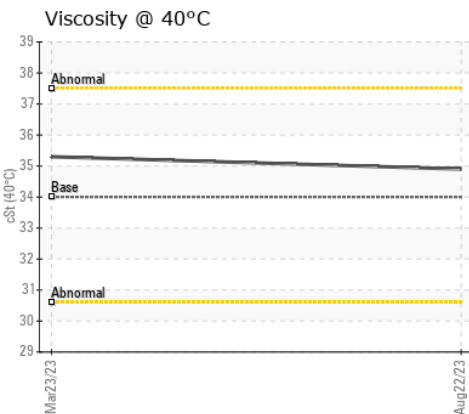
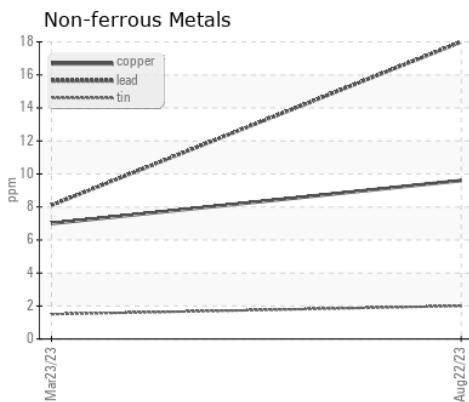
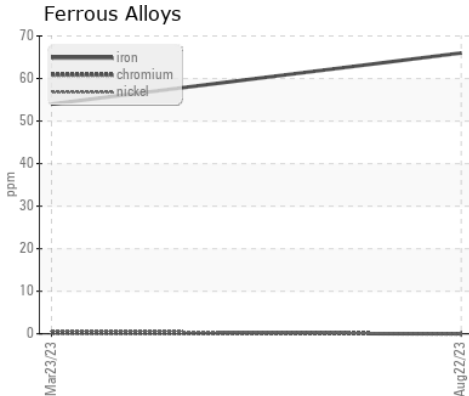


# OIL ANALYSIS REPORT



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

## GRAPHS



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : GFL0083468 **Received** : 25 Aug 2023  
**Lab Number** : 05935071 **Diagnosed** : 28 Aug 2023  
**Unique Number** : 10620342 **Diagnostician** : 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  
 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)