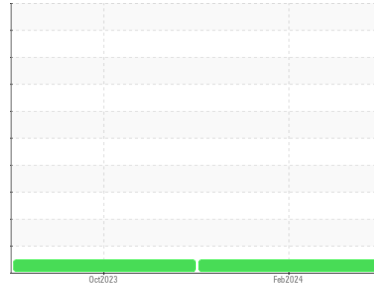




# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Machine Id  
**732027**  
 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>GFL0109853</b>	GFL0095148	---
Sample Date	Client Info		<b>02 Feb 2024</b>	04 Oct 2023	---
Machine Age	hrs	Client Info	<b>1890</b>	1243	---
Oil Age	hrs	Client Info	<b>1890</b>	1243	---
Oil Changed	Client Info		<b>Not Chngd</b>	Not Chngd	---
Sample Status			<b>NORMAL</b>	NORMAL	---

## CONTAMINATION

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

## WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >220	<b>50</b>	32	---
Chromium	ppm	ASTM D5185m >2	<b>&lt;1</b>	0	---
Nickel	ppm	ASTM D5185m >5	<b>0</b>	<1	---
Titanium	ppm	ASTM D5185m	<b>0</b>	<1	---
Silver	ppm	ASTM D5185m >5	<b>0</b>	0	---
Aluminum	ppm	ASTM D5185m >75	<b>19</b>	12	---
Lead	ppm	ASTM D5185m >95	<b>43</b>	12	---
Copper	ppm	ASTM D5185m >60	<b>17</b>	9	---
Tin	ppm	ASTM D5185m >10	<b>4</b>	3	---
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>61</b>	51	---
Barium	ppm	ASTM D5185m	<b>5</b>	0	---
Molybdenum	ppm	ASTM D5185m	<b>&lt;1</b>	0	---
Manganese	ppm	ASTM D5185m	<b>&lt;1</b>	<1	---
Magnesium	ppm	ASTM D5185m	<b>11</b>	4	---
Calcium	ppm	ASTM D5185m	<b>131</b>	130	---
Phosphorus	ppm	ASTM D5185m	<b>215</b>	230	---
Zinc	ppm	ASTM D5185m	<b>18</b>	22	---
Sulfur	ppm	ASTM D5185m	<b>1638</b>	1662	---

## CONTAMINANTS

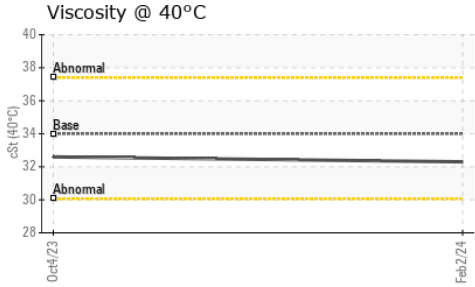
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >25	<b>5</b>	6	---
Sodium	ppm	ASTM D5185m	<b>0</b>	4	---
Potassium	ppm	ASTM D5185m >20	<b>5</b>	5	---

## 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>LIGHT</b>	LIGHT	---
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	---



# OIL ANALYSIS REPORT



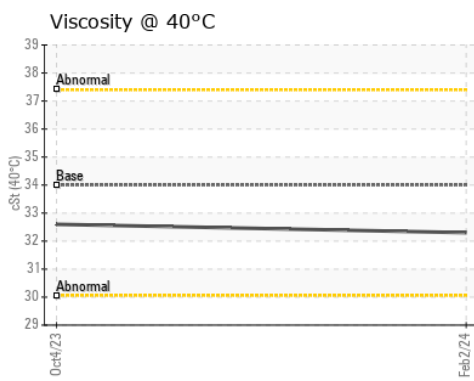
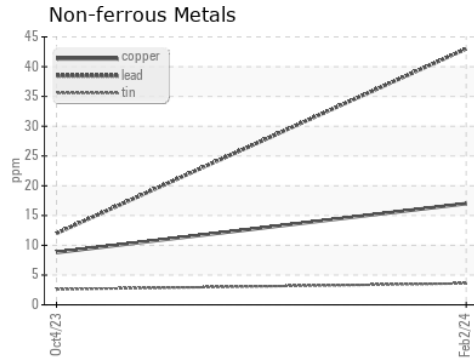
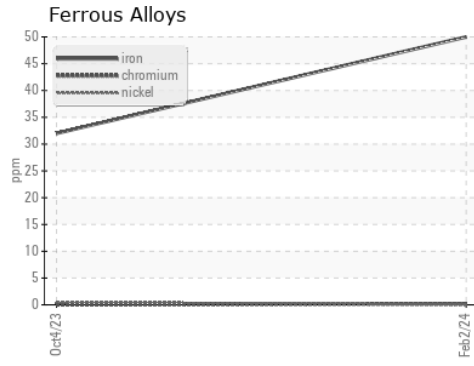
### FLUID PROPERTIES

method	limit/base	current	history1	history2
Visc @ 40°C	cSt ASTM D445 34	<b>32.3</b>	32.6	---

### 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.** : GFL0109853 **Received** : 06 Feb 2024  
**Lab Number** : 06081714 **Diagnosed** : 07 Feb 2024  
**Unique Number** : 10863805 **Diagnostician** : Wes Davis  
**Test Package** : FLEET

**GFL Environmental - 836 - Kansas City Hauling**  
 7801 East Truman Road  
 Kansas City, MO  
 US 64126  
 Contact: Loyce Stewart  
 loyce.stewart@gflenv.com  
 T:  
 F:

Certificate L2367  
 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)