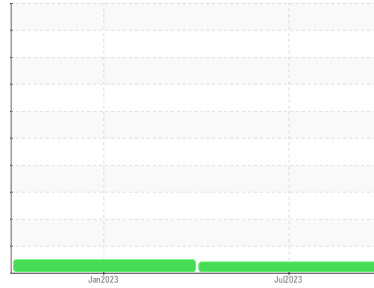




# PROBLEM SUMMARY

Sample Rating Trend



**VIS DEBRIS**



Machine Id  
**731125**

Component  
**Transmission (Auto)**

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

## COMPONENT CONDITION SUMMARY

No relevant graphs to display

## RECOMMENDATION

The filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

## PROBLEMATIC TEST RESULTS

Sample Status				ABNORMAL	NORMAL	---
Debris	scalar	*Visual	NONE	▲ MODER	NONE	---

**Customer Id:** GFL836  
**Sample No.:** GFL0083748  
**Lab Number:** 05896578  
**Test Package:** FLEET



To manage this report scan the QR code

To discuss the diagnosis or test data:  
Don Baldrige +1  
[don.b505@comcast.net](mailto:don.b505@comcast.net)

To change component or sample information:  
Customer Service +1 1-800-237-1369  
[customerservice@wearcheck.com](mailto:customerservice@wearcheck.com)

## RECOMMENDED ACTIONS

*There are no recommended actions for this sample.*

## HISTORICAL DIAGNOSIS

**25 Jan 2023 Diag: Doug Bogart**

NORMAL



Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

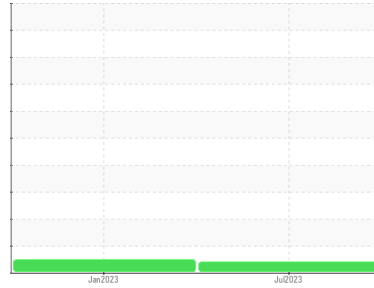
view report





# OIL ANALYSIS REPORT

Sample Rating Trend



VIS DEBRIS



Machine Id  
**731125**

Component  
**Transmission (Auto)**

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

## DIAGNOSIS

### ▲ Recommendation

The filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

### Wear

All component wear rates are normal.

### ▲ Contamination

Moderate concentration of visible dirt/debris present 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>GFL0083748</b>	GFL0070260	---
Sample Date	Client Info	<b>07 Jul 2023</b>	25 Jan 2023	---
Machine Age	hrs	<b>5633</b>	4279	---
Oil Age	hrs	<b>5633</b>	4279	---
Oil Changed	Client Info	<b>Not Chngd</b>	Not Chngd	---
Sample Status		<b>ABNORMAL</b>	NORMAL	---

## WEAR METALS

method	limit/base	current	history1	history2	
Iron	ppm	ASTM D5185m >160	<b>98</b>	105	---
Chromium	ppm	ASTM D5185m >5	<b>&lt;1</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>24</b>	22	---
Lead	ppm	ASTM D5185m >50	<b>2</b>	8	---
Copper	ppm	ASTM D5185m >225	<b>7</b>	9	---
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>77</b>	87	---
Barium	ppm	ASTM D5185m	<b>0</b>	0	---
Molybdenum	ppm	ASTM D5185m	<b>2</b>	1	---
Manganese	ppm	ASTM D5185m	<b>2</b>	4	---
Magnesium	ppm	ASTM D5185m	<b>6</b>	0	---
Calcium	ppm	ASTM D5185m	<b>74</b>	55	---
Phosphorus	ppm	ASTM D5185m	<b>260</b>	257	---
Zinc	ppm	ASTM D5185m	<b>12</b>	0	---
Sulfur	ppm	ASTM D5185m	<b>1171</b>	808	---

## CONTAMINANTS

method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185m >20	<b>5</b>	6	---
Sodium	ppm	ASTM D5185m	<b>14</b>	11	---
Potassium	ppm	ASTM D5185m >20	<b>&lt;1</b>	3	---

## VISUAL

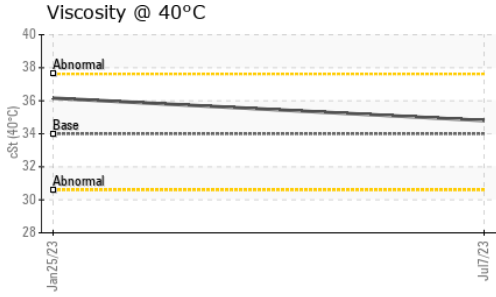
method	limit/base	current	history1	history2	
White Metal	scalar	*Visual NONE	<b>NONE</b>	NONE	---
Yellow Metal	scalar	*Visual NONE	<b>NONE</b>	NONE	---
Precipitate	scalar	*Visual NONE	<b>NONE</b>	NONE	---
Silt	scalar	*Visual NONE	<b>NONE</b>	NONE	---
Debris	scalar	*Visual NONE	<b>▲ MODER</b>	NONE	---
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>34.8</b>	36.16	---

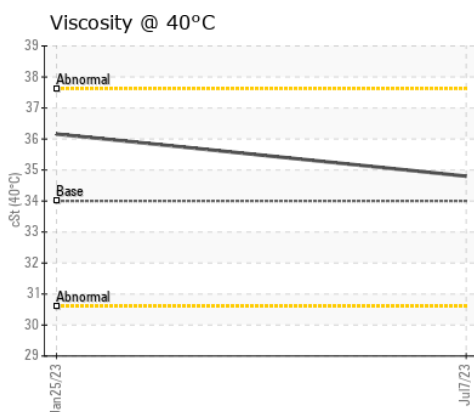
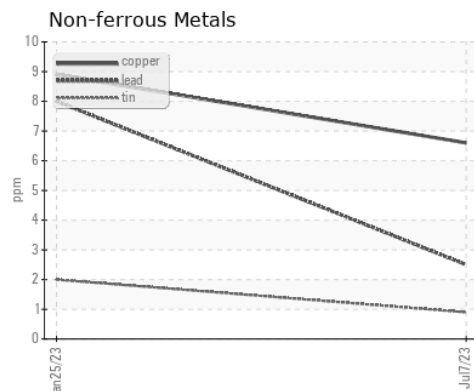
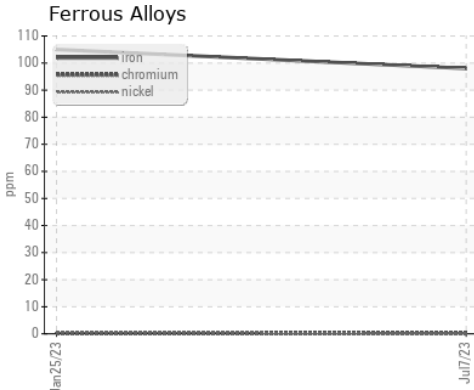


# OIL ANALYSIS REPORT



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.** : GFL0083748  
**Lab Number** : 05896578  
**Unique Number** : 10552388  
**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)