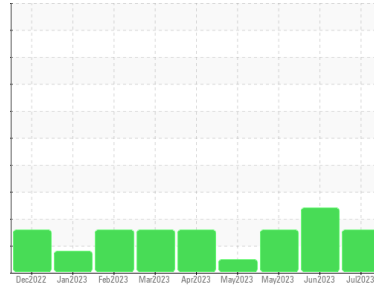




# PROBLEM SUMMARY

Sample Rating Trend



WEAR



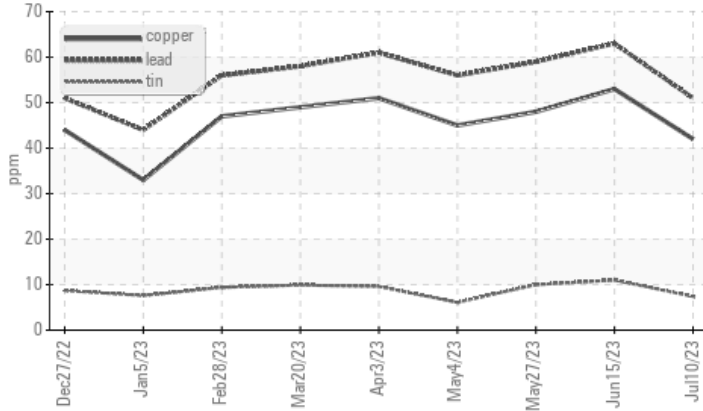
Machine Id  
**812043**

Component  
**Transmission (Auto)**

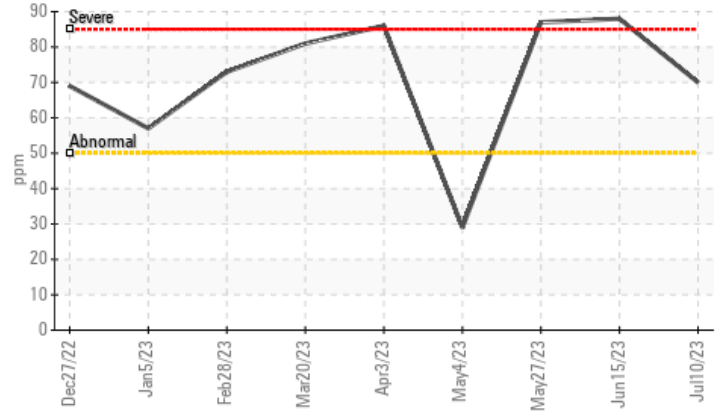
Fluid  
**PETRO CANADA DuraDrive HD Synthetic 668 (--- GAL)**

## COMPONENT CONDITION SUMMARY

### ▲ Non-ferrous Metals



### ▲ Aluminum (ppm)



## RECOMMENDATION

No corrective action is recommended at this time.  
Resample at the next service interval to monitor.

## PROBLEMATIC TEST RESULTS

Sample Status				ABNORMAL	ABNORMAL	ABNORMAL
Aluminum	ppm	ASTM D5185m	>50	▲ 70	▲ 88	▲ 87
Lead	ppm	ASTM D5185m	>50	▲ 51	▲ 63	▲ 59

Customer Id: GFL010  
Sample No.: GFL0083203  
Lab Number: 05901047  
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

**15 Jun 2023 Diag: Sean Felton**

WEAR



No corrective action is recommended at this time. Resample at the next service interval to monitor. Torque converter wear is indicated. Clutch wear is indicated. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

view report



**27 May 2023 Diag: Don Baldrige**

WEAR



No corrective action is recommended at this time. Resample at the next service interval to monitor. Torque converter wear is indicated. Clutch wear is indicated. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

view report



**04 May 2023 Diag: Jonathan Hester**

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.

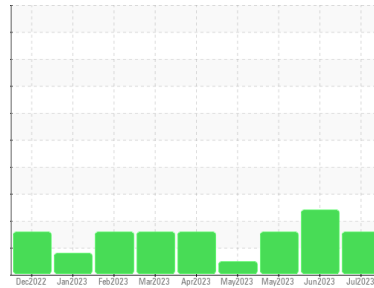
view report





# OIL ANALYSIS REPORT

Sample Rating Trend



**WEAR**



Machine Id  
**812043**

Component  
**Transmission (Auto)**

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

## DIAGNOSIS

### ▲ Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor.

### ▲ Wear

Torque converter wear is indicated. Clutch wear is indicated.

### 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>GFL0083203</b>	GFL0083269	GFL0082869
Sample Date	Client Info	<b>10 Jul 2023</b>	15 Jun 2023	27 May 2023
Machine Age	hrs	<b>4685</b>	4513	4382
Oil Age	hrs	<b>1951</b>	1776	4382
Oil Changed	Client Info	<b>Not Chngd</b>	Not Chngd	Not Chngd
Sample Status		<b>ABNORMAL</b>	ABNORMAL	ABNORMAL

## WEAR METALS

method	limit/base	current	history1	history2
Iron ppm	ASTM D5185m >160	<b>80</b>	99	93
Chromium ppm	ASTM D5185m >5	<b>&lt;1</b>	<1	0
Nickel ppm	ASTM D5185m >5	<b>&lt;1</b>	<1	<1
Titanium ppm	ASTM D5185m	<b>0</b>	<1	0
Silver ppm	ASTM D5185m >5	<b>0</b>	0	0
Aluminum ppm	ASTM D5185m >50	<b>▲ 70</b>	▲ 88	▲ 87
Lead ppm	ASTM D5185m >50	<b>▲ 51</b>	▲ 63	▲ 59
Copper ppm	ASTM D5185m >225	<b>42</b>	53	48
Tin ppm	ASTM D5185m >10	<b>7</b>	▲ 11	10
Vanadium ppm	ASTM D5185m	<b>0</b>	<1	0
Cadmium ppm	ASTM D5185m	<b>0</b>	0	0

## ADDITIVES

method	limit/base	current	history1	history2
Boron ppm	ASTM D5185m	<b>34</b>	106	110
Barium ppm	ASTM D5185m	<b>0</b>	0	0
Molybdenum ppm	ASTM D5185m	<b>2</b>	1	<1
Manganese ppm	ASTM D5185m	<b>2</b>	2	2
Magnesium ppm	ASTM D5185m	<b>7</b>	0	2
Calcium ppm	ASTM D5185m	<b>54</b>	42	43
Phosphorus ppm	ASTM D5185m	<b>285</b>	288	275
Zinc ppm	ASTM D5185m	<b>21</b>	0	0
Sulfur ppm	ASTM D5185m	<b>857</b>	993	944

## CONTAMINANTS

method	limit/base	current	history1	history2
Silicon ppm	ASTM D5185m >20	<b>10</b>	8	8
Sodium ppm	ASTM D5185m	<b>5</b>	6	5
Potassium ppm	ASTM D5185m >20	<b>5</b>	3	5

## VISUAL

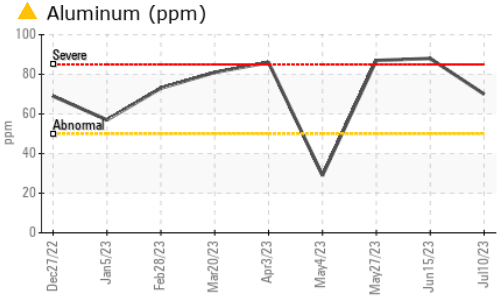
method	limit/base	current	history1	history2
White Metal	scalar *Visual	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar *Visual	<b>NONE</b>	NONE	NONE
Precipitate	scalar *Visual	<b>NONE</b>	NONE	NONE
Silt	scalar *Visual	<b>NONE</b>	NONE	NONE
Debris	scalar *Visual	<b>NONE</b>	NONE	NONE
Sand/Dirt	scalar *Visual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

## FLUID PROPERTIES

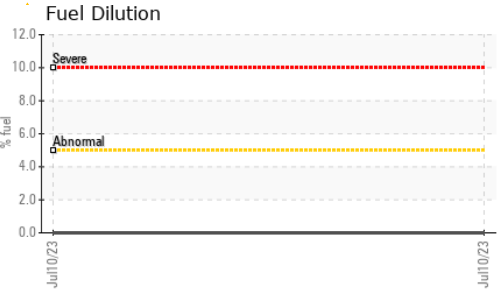
method	limit/base	current	history1	history2
Visc @ 40°C	cSt ASTM D445	<b>34</b>	36.5	36.3



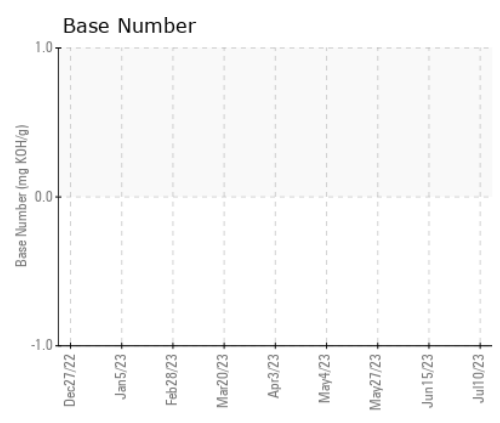
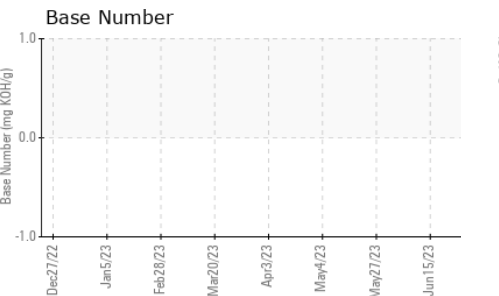
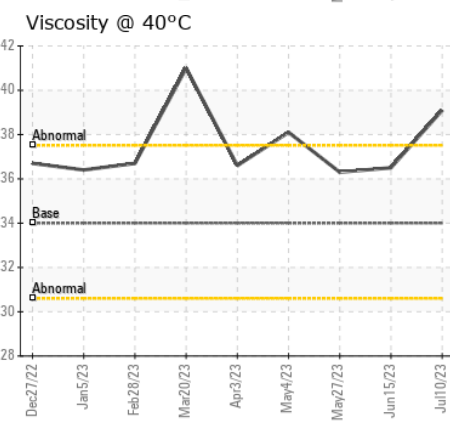
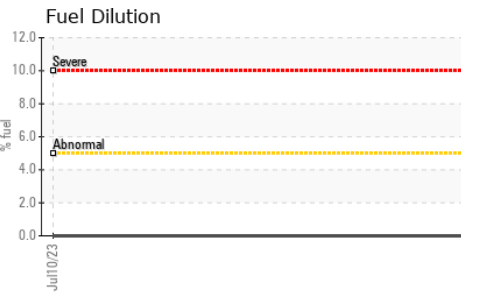
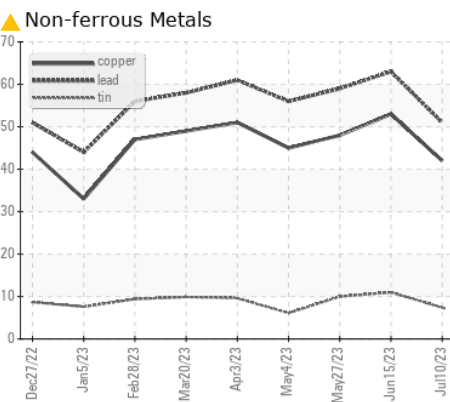
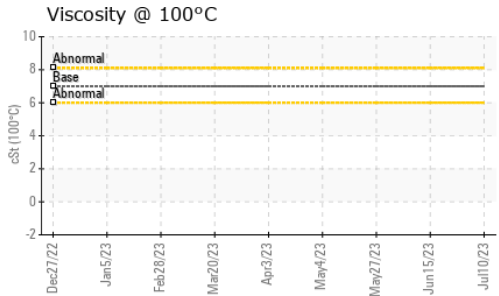
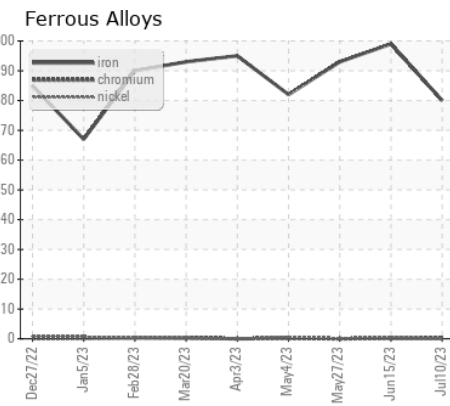
# OIL ANALYSIS REPORT



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.** : GFL0083203      **Received** : 18 Jul 2023  
**Lab Number** : 05901047      **Diagnosed** : 20 Jul 2023  
**Unique Number** : 10562403      **Diagnostician** : Don Baldrige  
**Test Package** : FLEET ( Additional Tests: FT-IR, FuelDilution, KV100, PercentFuel, TBN )  
 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)

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