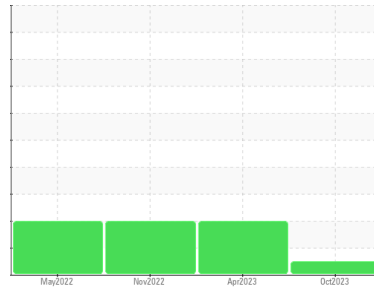




# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Machine Id  
**726037-310027**

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 component.

### Fluid Condition

The condition of the oil is acceptable for the time in service.

## SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	<b>GFL0095140</b>	GFL0070381	GFL0050628
Sample Date	Client Info	<b>12 Oct 2023</b>	28 Apr 2023	02 Nov 2022
Machine Age	hrs	<b>14468</b>	13574	12466
Oil Age	hrs	<b>14468</b>	13574	2400
Oil Changed	Client Info	<b>Not Chngd</b>	N/A	Not Chngd
Sample Status		<b>NORMAL</b>	ABNORMAL	ABNORMAL

## WEAR METALS

method	limit/base	current	history1	history2	
Iron	ppm	ASTM D5185m >160	<b>114</b>	▲ 218	▲ 221
Chromium	ppm	ASTM D5185m >5	<b>0</b>	<1	<1
Nickel	ppm	ASTM D5185m >5	<b>0</b>	<1	<1
Titanium	ppm	ASTM D5185m	<b>0</b>	<1	<1
Silver	ppm	ASTM D5185m >5	<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m >50	<b>10</b>	▲ 63	▲ 59
Lead	ppm	ASTM D5185m >50	<b>0</b>	2	6
Copper	ppm	ASTM D5185m >225	<b>6</b>	31	31
Tin	ppm	ASTM D5185m >10	<b>&lt;1</b>	4	5
Vanadium	ppm	ASTM D5185m	<b>0</b>	0	0
Cadmium	ppm	ASTM D5185m	<b>0</b>	0	0

## ADDITIVES

method	limit/base	current	history1	history2	
Boron	ppm	ASTM D5185m	<b>72</b>	71	79
Barium	ppm	ASTM D5185m	<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m	<b>0</b>	<1	<1
Manganese	ppm	ASTM D5185m	<b>1</b>	3	2
Magnesium	ppm	ASTM D5185m	<b>1</b>	1	0
Calcium	ppm	ASTM D5185m	<b>176</b>	71	74
Phosphorus	ppm	ASTM D5185m	<b>232</b>	278	296
Zinc	ppm	ASTM D5185m	<b>22</b>	9	0
Sulfur	ppm	ASTM D5185m	<b>1666</b>	795	410

## CONTAMINANTS

method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185m >20	<b>15</b>	10	9
Sodium	ppm	ASTM D5185m	<b>5</b>	16	15
Potassium	ppm	ASTM D5185m >20	<b>&lt;1</b>	3	<1

## VISUAL

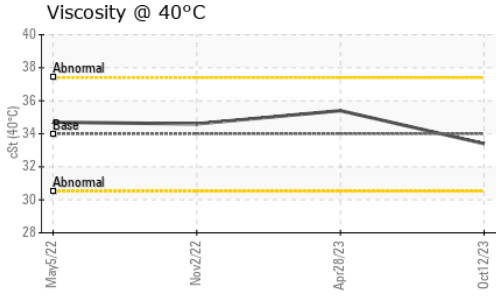
method	limit/base	current	history1	history2	
White Metal	scalar	*Visual NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual NONE	<b>NONE</b>	NONE	NONE
Precipitate	scalar	*Visual NONE	<b>NONE</b>	NONE	NONE
Silt	scalar	*Visual NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual NONE	<b>NONE</b>	▲ MODER	▲ MODER
Sand/Dirt	scalar	*Visual NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	*Visual NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	*Visual NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	*Visual >0.1	<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 34	<b>33.4</b>	35.4	34.6

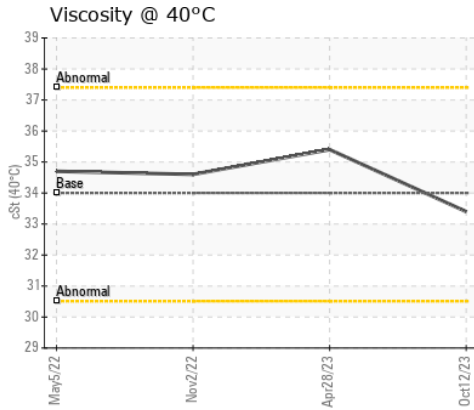
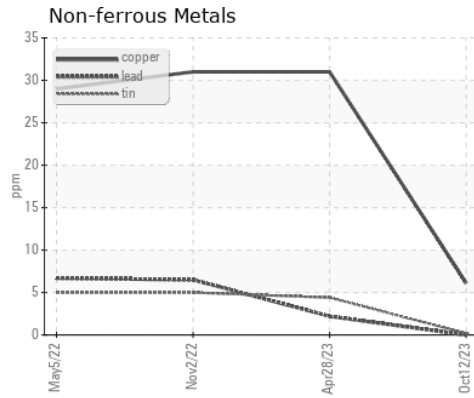
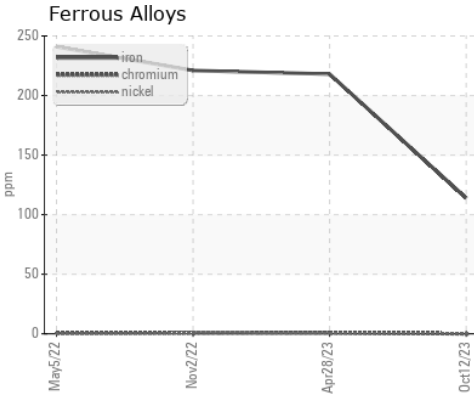


# OIL ANALYSIS REPORT



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.** : GFL0095140  
**Lab Number** : 05984309  
**Unique Number** : 10701604  
**Test Package** : FLEET

**GFL Environmental - 837 - Harrison TS**  
 22820 S State Route 291  
 Harrisonville, MO  
 US 64701  
 Contact: Robert Hart

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)

T: (580)461-1509

F: