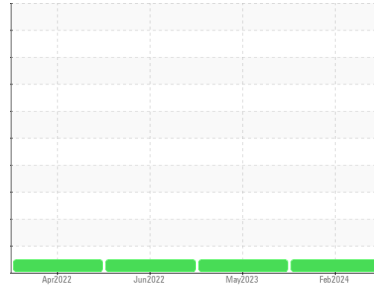




# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Machine Id  
**741007-310098**

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>GFL0106850</b>	GFL0078148	GFL0048593
Sample Date	Client Info		<b>13 Feb 2024</b>	03 May 2023	23 Jun 2022
Machine Age	hrs	Client Info	<b>9171</b>	75321	51375
Oil Age	hrs	Client Info	<b>600</b>	0	0
Oil Changed	Client Info		<b>Changed</b>	Changed	Changed
Sample Status			<b>NORMAL</b>	NORMAL	NORMAL

## CONTAMINATION

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

## WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >160	<b>3</b>	39	21
Chromium	ppm	ASTM D5185m >5	<b>&lt;1</b>	0	0
Nickel	ppm	ASTM D5185m >5	<b>0</b>	<1	0
Titanium	ppm	ASTM D5185m	<b>&lt;1</b>	0	0
Silver	ppm	ASTM D5185m >5	<b>0</b>	0	<1
Aluminum	ppm	ASTM D5185m >50	<b>2</b>	13	7
Lead	ppm	ASTM D5185m >50	<b>0</b>	<1	<1
Copper	ppm	ASTM D5185m >225	<b>&lt;1</b>	11	4
Tin	ppm	ASTM D5185m >10	<b>0</b>	2	1
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>75</b>	61	80
Barium	ppm	ASTM D5185m	<b>10</b>	0	0
Molybdenum	ppm	ASTM D5185m	<b>&lt;1</b>	<1	1
Manganese	ppm	ASTM D5185m	<b>0</b>	<1	<1
Magnesium	ppm	ASTM D5185m	<b>3</b>	5	10
Calcium	ppm	ASTM D5185m	<b>120</b>	145	134
Phosphorus	ppm	ASTM D5185m	<b>256</b>	204	208
Zinc	ppm	ASTM D5185m	<b>0</b>	9	18
Sulfur	ppm	ASTM D5185m	<b>1816</b>	1625	1466

## CONTAMINANTS

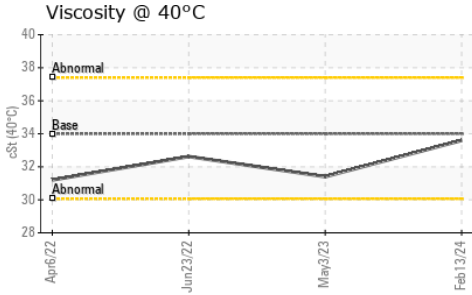
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >20	<b>4</b>	4	3
Sodium	ppm	ASTM D5185m	<b>0</b>	0	2
Potassium	ppm	ASTM D5185m >20	<b>&lt;1</b>	2	1

## 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>	NONE	NONE
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



# OIL ANALYSIS REPORT



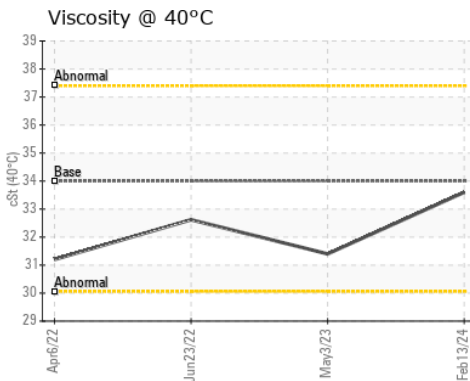
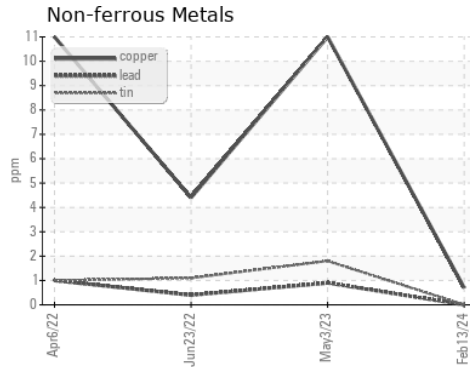
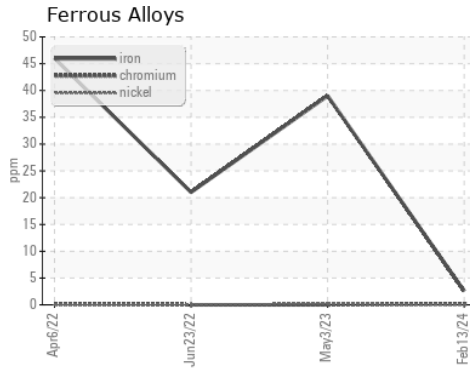
## FLUID PROPERTIES

method	limit/base	current	history1	history2
Visc @ 40°C	cSt ASTM D445 34	<b>33.6</b>	31.4	32.62

## 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.** : GFL0106850  
**Lab Number** : 06093833  
**Unique Number** : 10886686  
**Test Package** : FLEET

**Received** : 19 Feb 2024  
**Tested** : 20 Feb 2024  
**Diagnosed** : 20 Feb 2024 - Wes Davis

**GFL Environmental - 856 - Houston South**  
 8515 Highway 6 South  
 Houston, TX  
 US 77083  
 Contact: Apolinar Zacarias  
 pzacariascano@gflenv.com

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:  
F: