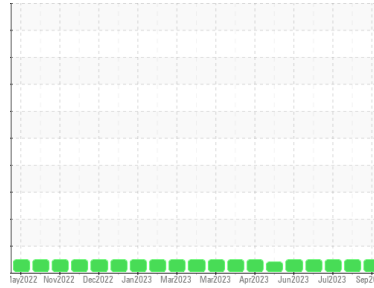




# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Machine Id  
**725004**

Component  
**Transmission (Auto)**

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

## 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 oil.

### 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>GFL0094372</b>	GFL0091384	GFL0086146	
Sample Date	Client Info	<b>22 Sep 2023</b>	28 Aug 2023	25 Jul 2023	
Machine Age	hrs	Client Info	<b>9698</b>	9508	9248
Oil Age	hrs	Client Info	<b>146</b>	9508	1535
Oil Changed	Client Info	<b>Not Chngd</b>	Not Chngd	Not Chngd	
Sample Status		<b>NORMAL</b>	NORMAL	NORMAL	

## WEAR METALS

method	limit/base	current	history1	history2	
Iron	ppm	ASTM D5185m >160	<b>73</b>	76	80
Chromium	ppm	ASTM D5185m >5	<b>&lt;1</b>	<1	<1
Nickel	ppm	ASTM D5185m >5	<b>0</b>	0	0
Titanium	ppm	ASTM D5185m	<b>0</b>	0	0
Silver	ppm	ASTM D5185m >5	<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m >50	<b>30</b>	32	31
Lead	ppm	ASTM D5185m >50	<b>2</b>	1	<1
Copper	ppm	ASTM D5185m >225	<b>14</b>	11	12
Tin	ppm	ASTM D5185m >10	<b>2</b>	2	2
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>65</b>	66	67
Barium	ppm	ASTM D5185m	<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m	<b>1</b>	0	<1
Manganese	ppm	ASTM D5185m	<b>2</b>	1	1
Magnesium	ppm	ASTM D5185m	<b>5</b>	2	6
Calcium	ppm	ASTM D5185m	<b>128</b>	122	140
Phosphorus	ppm	ASTM D5185m	<b>224</b>	222	238
Zinc	ppm	ASTM D5185m	<b>8</b>	0	14
Sulfur	ppm	ASTM D5185m	<b>1660</b>	2028	2061

## CONTAMINANTS

method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185m >20	<b>10</b>	9	10
Sodium	ppm	ASTM D5185m	<b>9</b>	5	6
Potassium	ppm	ASTM D5185m >20	<b>4</b>	2	<1

## VISUAL

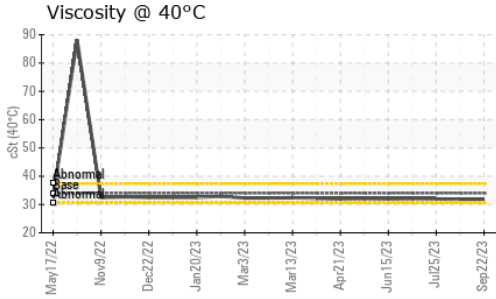
method	limit/base	current	history1	history2	
White Metal	scalar	*Visual NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual NONE	<b>NONE</b>	NONE	NONE
Precipitate	scalar	*Visual NONE	<b>NONE</b>	NONE	NONE
Silt	scalar	*Visual NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual NONE	<b>NONE</b>	NONE	NONE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

## FLUID PROPERTIES

method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445 34	<b>31.9</b>	31.8	32.0

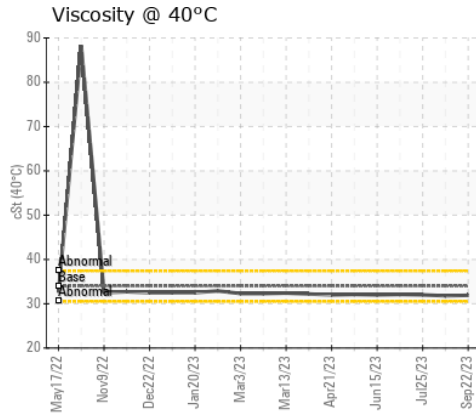
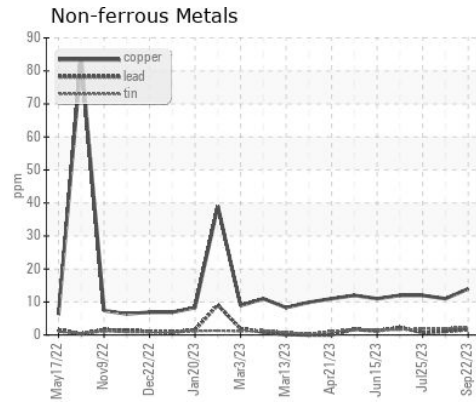
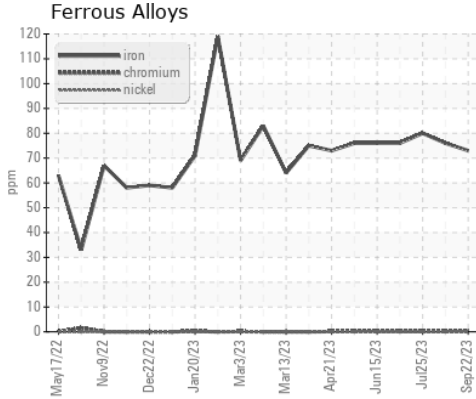


# OIL ANALYSIS REPORT



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.** : GFL0094372  
**Lab Number** : 05963875  
**Unique Number** : 10670426  
**Test Package** : FLEET

**GFL Environmental - 010 - Stockbridge**  
 1280 Rum Creek Parkway  
 Stockbridge, GA  
 US 30281  
 Contact: JOSHUA TINKER  
 joshuatinker@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: