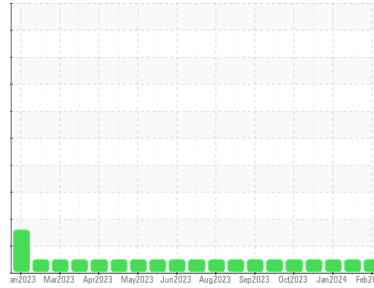




# OIL ANALYSIS REPORT

Sample Rating Trend



**NORMAL**



Area  
**(DUX582)**  
Machine Id  
**10690**  
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>GFL0112351</b>	GFL0109940	GFL0107183
Sample Date	Client Info		<b>26 Feb 2024</b>	30 Jan 2024	12 Jan 2024
Machine Age	hrs	Client Info	<b>128</b>	20431	20292
Oil Age	hrs	Client Info	<b>855</b>	696	557
Oil Changed	Client Info		<b>Not Chngd</b>	Not Chngd	Not Chngd
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>85</b>	92	92
Chromium	ppm	ASTM D5185m >5	<b>0</b>	<1	<1
Nickel	ppm	ASTM D5185m >5	<b>&lt;1</b>	<1	0
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>9</b>	7	6
Lead	ppm	ASTM D5185m >50	<b>0</b>	2	<1
Copper	ppm	ASTM D5185m >225	<b>6</b>	7	7
Tin	ppm	ASTM D5185m >10	<b>&lt;1</b>	1	<1
Vanadium	ppm	ASTM D5185m	<b>0</b>	0	0
Cadmium	ppm	ASTM D5185m	<b>0</b>	<1	0

## ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	<b>69</b>	67	70
Barium	ppm	ASTM D5185m	<b>0</b>	0	3
Molybdenum	ppm	ASTM D5185m	<b>0</b>	1	0
Manganese	ppm	ASTM D5185m	<b>&lt;1</b>	<1	0
Magnesium	ppm	ASTM D5185m	<b>5</b>	6	3
Calcium	ppm	ASTM D5185m	<b>116</b>	120	122
Phosphorus	ppm	ASTM D5185m	<b>225</b>	240	259
Zinc	ppm	ASTM D5185m	<b>40</b>	27	<1
Sulfur	ppm	ASTM D5185m	<b>1558</b>	1825	1861

## CONTAMINANTS

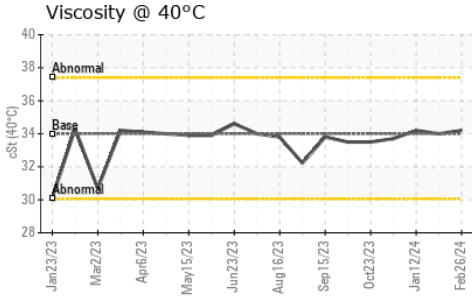
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >20	<b>8</b>	9	8
Sodium	ppm	ASTM D5185m	<b>4</b>	0	0
Potassium	ppm	ASTM D5185m >20	<b>1</b>	2	2

## 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



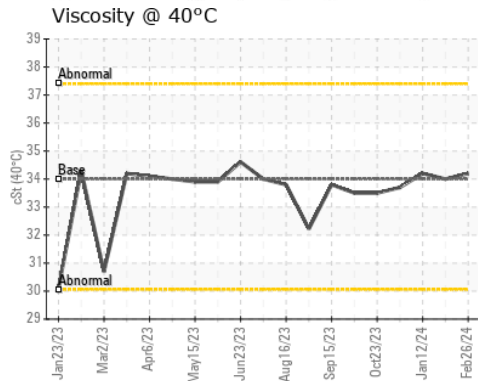
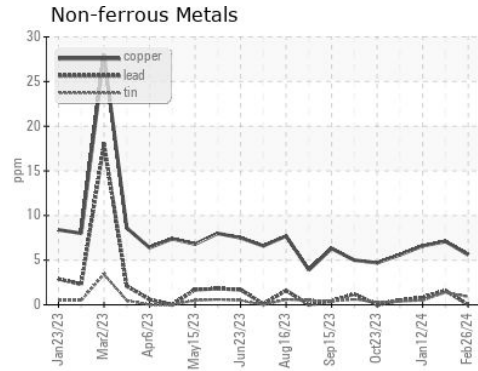
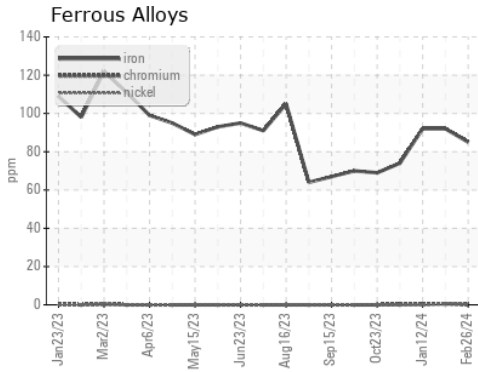
### FLUID PROPERTIES

method	limit/base	current	history1	history2
Visc @ 40°C	cSt ASTM D445 34	<b>34.2</b>	34.0	34.2

### 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.** : GFL0112351      **Received** : 01 Mar 2024  
**Lab Number** : 06106498      **Tested** : 04 Mar 2024  
**Unique Number** : 10909995      **Diagnosed** : 04 Mar 2024 - Wes Davis  
**Test Package** : FLEET

**GFL Environmental - 010 - Stockbridge**  
 1280 Rum Creek Parkway  
 Stockbridge, GA  
 US 30281  
 Contact: TECHNICIAN ACCOUNT  
 wcgfldemo@gmail.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: