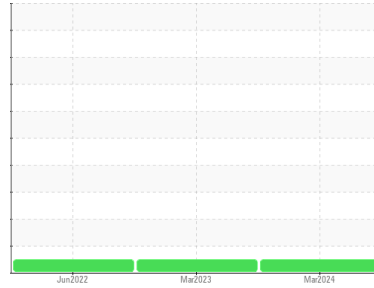




# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Machine Id  
**741005-310096**

Component  
**Transmission (Auto)**

Fluid  
**PETRO CANADA DuraDrive HD Synthetic 668 (28 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 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>GFL0106783</b>	GFL0073771	GFL0048609
Sample Date	Client Info	<b>01 Mar 2024</b>	28 Mar 2023	09 Jun 2022
Machine Age	hrs	<b>9566</b>	82709	4838
Oil Age	hrs	<b>5240</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>34</b>	74	59
Chromium	ppm ASTM D5185m >5	<b>&lt;1</b>	<1	0
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>10</b>	15	10
Lead	ppm ASTM D5185m >50	<b>&lt;1</b>	3	3
Copper	ppm ASTM D5185m >225	<b>5</b>	10	6
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>	0	0

## ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185m	<b>66</b>	60	73
Barium	ppm ASTM D5185m	<b>0</b>	0	0
Molybdenum	ppm ASTM D5185m	<b>0</b>	<1	<1
Manganese	ppm ASTM D5185m	<b>0</b>	2	1
Magnesium	ppm ASTM D5185m	<b>7</b>	1	2
Calcium	ppm ASTM D5185m	<b>105</b>	103	89
Phosphorus	ppm ASTM D5185m	<b>240</b>	218	197
Zinc	ppm ASTM D5185m	<b>10</b>	5	4
Sulfur	ppm ASTM D5185m	<b>1700</b>	1612	1160

## CONTAMINANTS

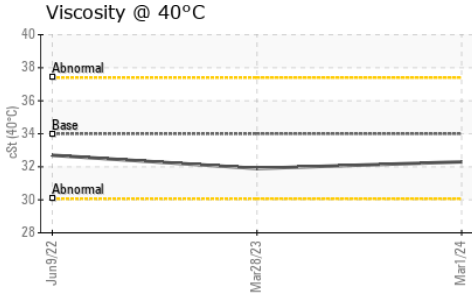
method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185m >20	<b>4</b>	5	6
Sodium	ppm ASTM D5185m	<b>7</b>	6	2
Potassium	ppm ASTM D5185m >20	<b>4</b>	1	3

## VISUAL

method	limit/base	current	history1	history2
White Metal	scalar *Visual NONE	<b>NONE</b>	NONE	LIGHT
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



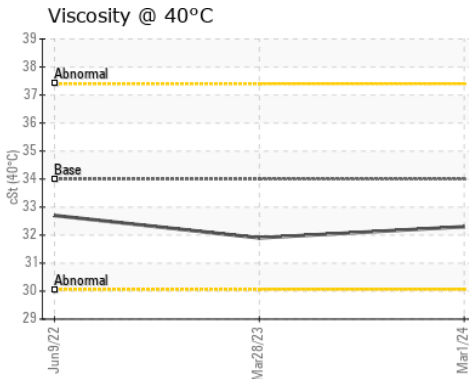
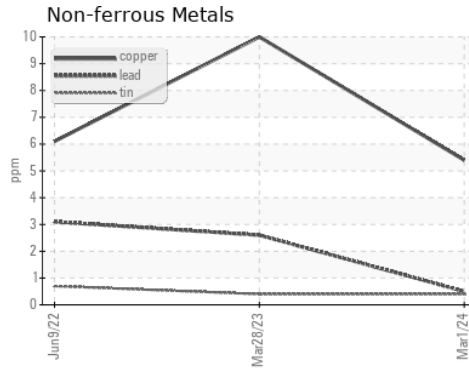
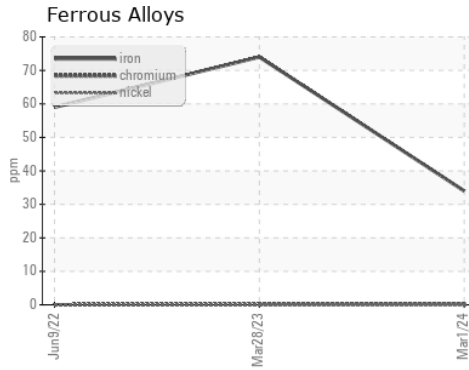
## FLUID PROPERTIES

method	limit/base	current	history1	history2
Visc @ 40°C	cSt ASTM D445 34	<b>32.3</b>	31.9	32.7

## 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.** : GFL0106783  
**Lab Number** : 06107849  
**Unique Number** : 10911346  
**Test Package** : FLEET

**Received** : 04 Mar 2024  
**Tested** : 05 Mar 2024  
**Diagnosed** : 05 Mar 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: