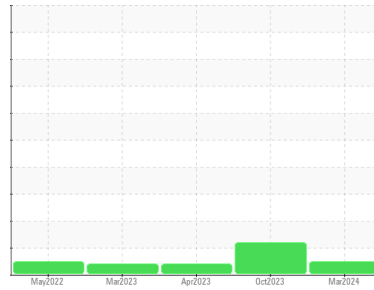




# OIL ANALYSIS REPORT

Sample Rating Trend



**NORMAL**



Machine Id  
**726038-310028**

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>GFL0114078</b>	GFL0095126	GFL0070399
Sample Date	Client Info		<b>26 Mar 2024</b>	10 Oct 2023	26 Apr 2023
Machine Age	hrs	Client Info	<b>16354</b>	15696	15020
Oil Age	hrs	Client Info	<b>0</b>	15696	15020
Oil Changed	Client Info		<b>Not Changed</b>	Not Changd	Not Changed
Sample Status			<b>NORMAL</b>	ABNORMAL	ABNORMAL

## 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>106</b>	85	94
Chromium	ppm	ASTM D5185m >5	<b>&lt;1</b>	<1	<1
Nickel	ppm	ASTM D5185m >5	<b>&lt;1</b>	<1	0
Titanium	ppm	ASTM D5185m	<b>&lt;1</b>	<1	0
Silver	ppm	ASTM D5185m >5	<b>&lt;1</b>	0	0
Aluminum	ppm	ASTM D5185m >50	<b>32</b>	27	27
Lead	ppm	ASTM D5185m >50	<b>4</b>	2	0
Copper	ppm	ASTM D5185m >225	<b>24</b>	20	16
Tin	ppm	ASTM D5185m >10	<b>2</b>	1	<1
Vanadium	ppm	ASTM D5185m	<b>&lt;1</b>	<1	0
Cadmium	ppm	ASTM D5185m	<b>&lt;1</b>	0	0

## ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	<b>81</b>	85	105
Barium	ppm	ASTM D5185m	<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m	<b>3</b>	3	1
Manganese	ppm	ASTM D5185m	<b>2</b>	1	2
Magnesium	ppm	ASTM D5185m	<b>38</b>	44	17
Calcium	ppm	ASTM D5185m	<b>183</b>	166	158
Phosphorus	ppm	ASTM D5185m	<b>310</b>	296	317
Zinc	ppm	ASTM D5185m	<b>42</b>	38	26
Sulfur	ppm	ASTM D5185m	<b>1223</b>	1118	1305

## CONTAMINANTS

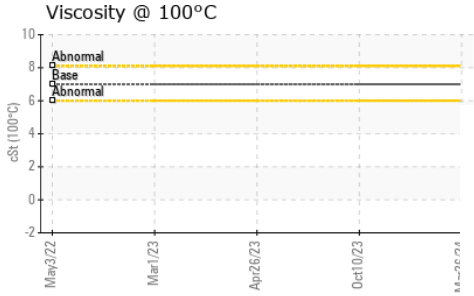
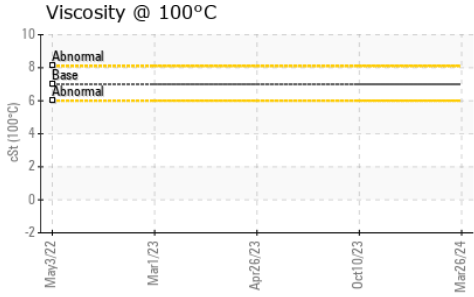
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >20	<b>16</b>	12	10
Sodium	ppm	ASTM D5185m	<b>10</b>	13	9
Potassium	ppm	ASTM D5185m >20	<b>5</b>	<1	2

## VISUAL

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



# OIL ANALYSIS REPORT



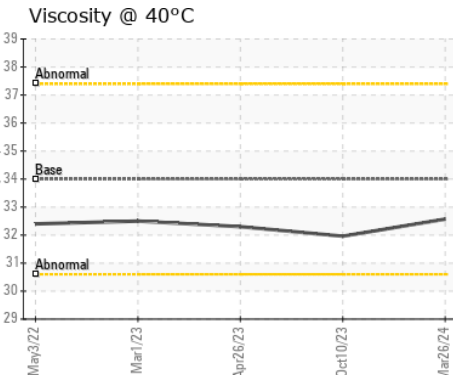
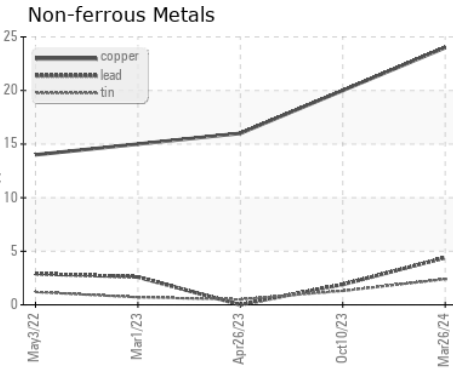
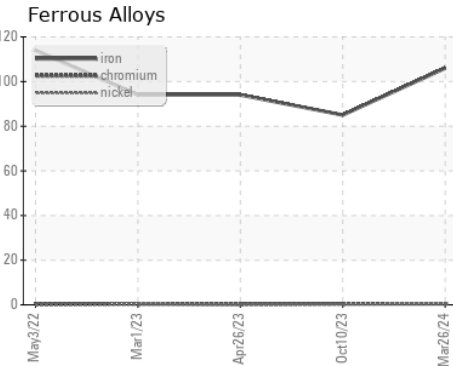
## FLUID PROPERTIES

method	limit/base	current	history1	history2
Visc @ 40°C	cSt ASTM D445 34	<b>32.57</b>	31.96	32.3

## 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.** : GFL0114078      **Received** : 28 Mar 2024  
**Lab Number** : 06131760      **Tested** : 04 Apr 2024  
**Unique Number** : 10951225      **Diagnosed** : 04 Apr 2024 - Jonathan Hester  
**Test Package** : FLEET ( Additional Tests: KV100 )

**GFL Environmental - 836 - Kansas City Hauling**  
 7801 East Truman Road  
 Kansas City, MO  
 US 64126  
 Contact: Loyce Stewart  
 loyce.stewart@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: