



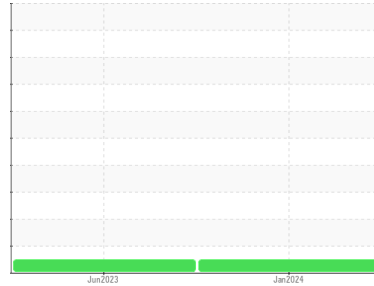
# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Machine Id  
**729088**  
 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>GFL0085344</b>	GFL0085366	---
Sample Date	Client Info		<b>02 Jan 2024</b>	28 Jun 2023	---
Machine Age	hrs	Client Info	<b>26380</b>	25533	---
Oil Age	hrs	Client Info	<b>26380</b>	0	---
Oil Changed	Client Info		<b>Changed</b>	Changed	---
Sample Status			<b>NORMAL</b>	NORMAL	---

## CONTAMINATION

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

## WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >220	<b>32</b>	32	---
Chromium	ppm	ASTM D5185m >2	<b>&lt;1</b>	0	---
Nickel	ppm	ASTM D5185m >5	<b>&lt;1</b>	0	---
Titanium	ppm	ASTM D5185m	<b>&lt;1</b>	0	---
Silver	ppm	ASTM D5185m >5	<b>0</b>	0	---
Aluminum	ppm	ASTM D5185m >75	<b>5</b>	10	---
Lead	ppm	ASTM D5185m >95	<b>1</b>	2	---
Copper	ppm	ASTM D5185m >60	<b>4</b>	5	---
Tin	ppm	ASTM D5185m >10	<b>2</b>	<1	---
Vanadium	ppm	ASTM D5185m	<b>0</b>	0	---
Cadmium	ppm	ASTM D5185m	<b>&lt;1</b>	0	---

## ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	<b>68</b>	93	---
Barium	ppm	ASTM D5185m	<b>0</b>	2	---
Molybdenum	ppm	ASTM D5185m	<b>1</b>	<1	---
Manganese	ppm	ASTM D5185m	<b>&lt;1</b>	<1	---
Magnesium	ppm	ASTM D5185m	<b>2</b>	2	---
Calcium	ppm	ASTM D5185m	<b>124</b>	138	---
Phosphorus	ppm	ASTM D5185m	<b>224</b>	244	---
Zinc	ppm	ASTM D5185m	<b>0</b>	16	---
Sulfur	ppm	ASTM D5185m	<b>1862</b>	2111	---

## CONTAMINANTS

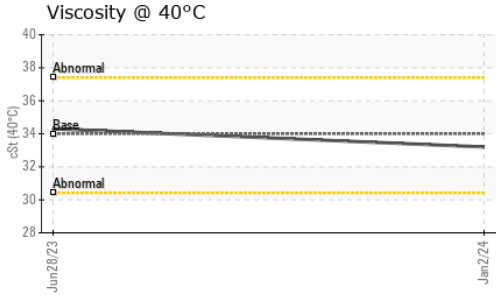
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >25	<b>6</b>	5	---
Sodium	ppm	ASTM D5185m	<b>&lt;1</b>	1	---
Potassium	ppm	ASTM D5185m >20	<b>1</b>	<1	---

## VISUAL

	method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	<b>NONE</b>	NONE	---
Yellow Metal	scalar	*Visual NONE	<b>NONE</b>	NONE	---
Precipitate	scalar	*Visual NONE	<b>NONE</b>	NONE	---
Silt	scalar	*Visual NONE	<b>NONE</b>	NONE	---
Debris	scalar	*Visual NONE	<b>NONE</b>	NONE	---
Sand/Dirt	scalar	*Visual NONE	<b>NONE</b>	NONE	---
Appearance	scalar	*Visual NORML	<b>NORML</b>	NORML	---
Odor	scalar	*Visual NORML	<b>NORML</b>	NORML	---
Emulsified Water	scalar	*Visual >0.1	<b>NEG</b>	NEG	---
Free Water	scalar	*Visual	<b>NEG</b>	NEG	---



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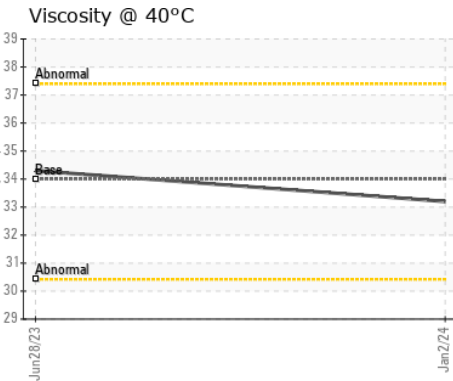
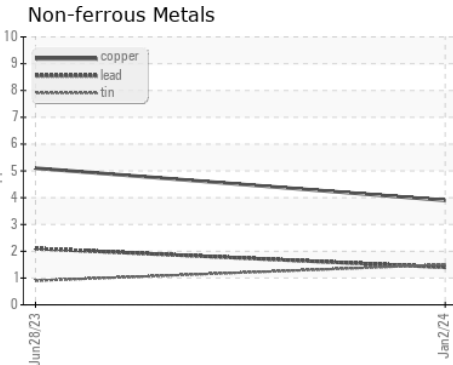
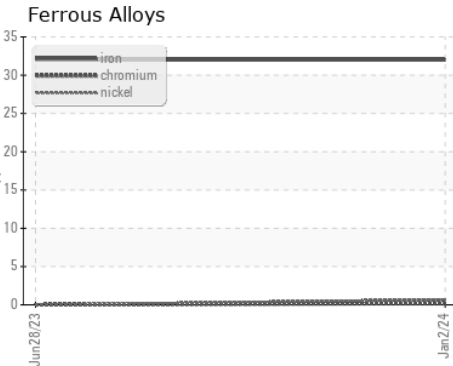
## FLUID PROPERTIES

method	limit/base	current	history1	history2
Visc @ 40°C	cSt ASTM D445 34	<b>33.2</b>	34.3	---

## 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.** : GFL0085344 **Recieved** : 08 Jan 2024  
**Lab Number** : **06055106** **Diagnosed** : 10 Jan 2024  
**Unique Number** : 10821055 **Diagnostician** : Wes Davis  
**Test Package** : FLEET

**GFL Environmental - 958A - Chillicothe Wigand**  
 19908 N. State Rd 29  
 Chillicothe, IL  
 US 61523  
 Contact: Stephanie Blount  
 sblount@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: