



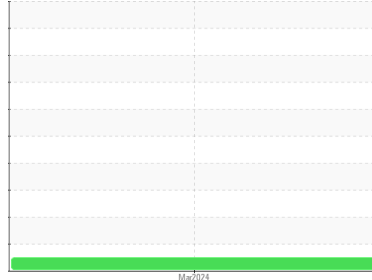
# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Machine Id  
**834047**  
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>GFL0114108</b>	---	---
Sample Date	Client Info		<b>05 Mar 2024</b>	---	---
Machine Age	hrs	Client Info	<b>1185</b>	---	---
Oil Age	hrs	Client Info	<b>1123</b>	---	---
Oil Changed	Client Info		<b>N/A</b>	---	---
Sample Status			<b>NORMAL</b>	---	---

## CONTAMINATION

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

## WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>220	<b>58</b>	---
Chromium	ppm	ASTM D5185m	>2	<b>0</b>	---
Nickel	ppm	ASTM D5185m	>5	<b>0</b>	---
Titanium	ppm	ASTM D5185m		<b>0</b>	---
Silver	ppm	ASTM D5185m	>5	<b>0</b>	---
Aluminum	ppm	ASTM D5185m	>75	<b>14</b>	---
Lead	ppm	ASTM D5185m	>95	<b>5</b>	---
Copper	ppm	ASTM D5185m	>60	<b>13</b>	---
Tin	ppm	ASTM D5185m	>10	<b>2</b>	---
Vanadium	ppm	ASTM D5185m		<b>0</b>	---
Cadmium	ppm	ASTM D5185m		<b>0</b>	---

## ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		<b>48</b>	---
Barium	ppm	ASTM D5185m		<b>0</b>	---
Molybdenum	ppm	ASTM D5185m		<b>&lt;1</b>	---
Manganese	ppm	ASTM D5185m		<b>1</b>	---
Magnesium	ppm	ASTM D5185m		<b>0</b>	---
Calcium	ppm	ASTM D5185m		<b>133</b>	---
Phosphorus	ppm	ASTM D5185m		<b>209</b>	---
Zinc	ppm	ASTM D5185m		<b>14</b>	---
Sulfur	ppm	ASTM D5185m		<b>1756</b>	---

## CONTAMINANTS

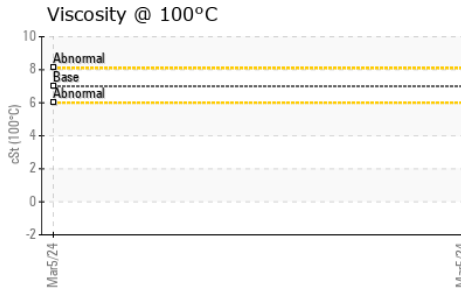
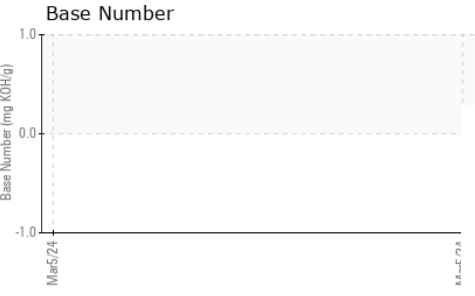
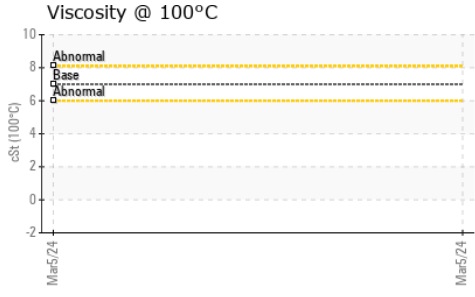
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	<b>6</b>	---
Sodium	ppm	ASTM D5185m		<b>5</b>	---
Potassium	ppm	ASTM D5185m	>20	<b>1</b>	---

## VISUAL

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



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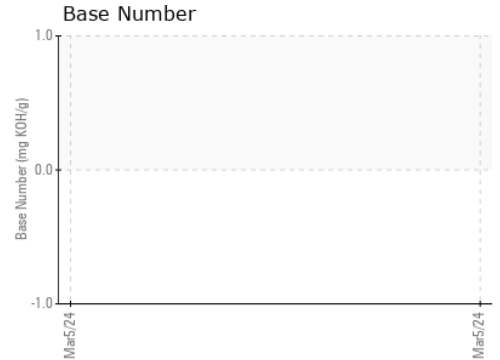
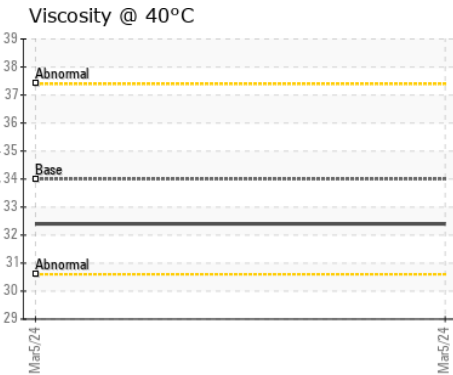
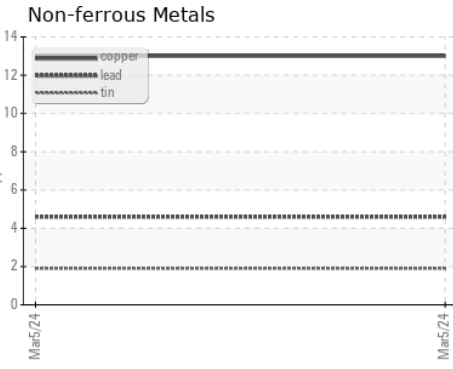
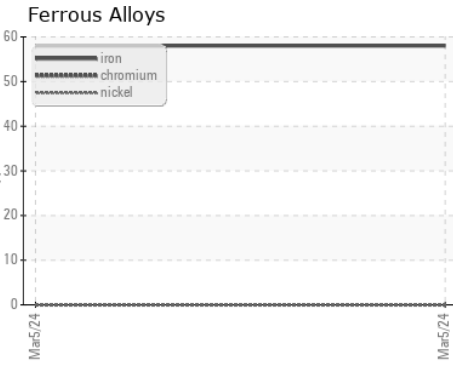
## FLUID PROPERTIES

method	limit/base	current	history1	history2
Visc @ 40°C	cSt ASTM D445 34	<b>32.4</b>	---	---

## 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.** : GFL0114108 **Received** : 12 Mar 2024  
**Lab Number** : **06116354** **Tested** : 15 Mar 2024  
**Unique Number** : 10925187 **Diagnosed** : 15 Mar 2024 - Jonathan Hester  
**Test Package** : FLEET ( Additional Tests: FT-IR, KV100, TBN )

**GFL Environmental - 837 - Harrison TS**  
 22820 S State Route 291  
 Harrisonville, MO  
 US 64701  
 Contact: JEREMY BROWN  
 jeremyb@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: