



# OIL ANALYSIS REPORT

Sample Rating Trend

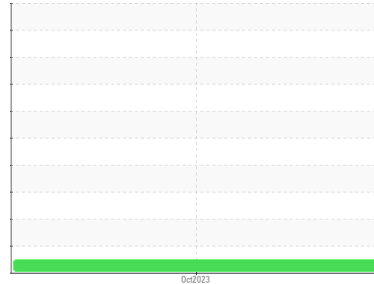
**NORMAL**



Area  
**{UNASSIGNED}**  
Machine Id  
**834092**

Component  
**Transmission (Auto)**  
Fluid

**PETRO CANADA DuraDrive HD Synthetic 668 (8 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>GFL0088729</b>	---	---
Sample Date	Client Info	<b>30 Oct 2023</b>	---	---
Machine Age	hrs Client Info	<b>147</b>	---	---
Oil Age	hrs Client Info	<b>147</b>	---	---
Oil Changed	Client Info	<b>Not Chngd</b>	---	---
Sample Status		<b>NORMAL</b>	---	---

## WEAR METALS

method	limit/base	current	history1	history2
Iron ppm	ASTM D5185m >230	<b>20</b>	---	---
Chromium ppm	ASTM D5185m >2	<b>0</b>	---	---
Nickel ppm	ASTM D5185m >5	<b>0</b>	---	---
Titanium ppm	ASTM D5185m >2	<b>0</b>	---	---
Silver ppm	ASTM D5185m >5	<b>0</b>	---	---
Aluminum ppm	ASTM D5185m >65	<b>5</b>	---	---
Lead ppm	ASTM D5185m >55	<b>0</b>	---	---
Copper ppm	ASTM D5185m >85	<b>2</b>	---	---
Tin ppm	ASTM D5185m >5	<b>&lt;1</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>101</b>	---	---
Barium ppm	ASTM D5185m	<b>1</b>	---	---
Molybdenum ppm	ASTM D5185m	<b>0</b>	---	---
Manganese ppm	ASTM D5185m	<b>&lt;1</b>	---	---
Magnesium ppm	ASTM D5185m	<b>&lt;1</b>	---	---
Calcium ppm	ASTM D5185m	<b>61</b>	---	---
Phosphorus ppm	ASTM D5185m	<b>259</b>	---	---
Zinc ppm	ASTM D5185m	<b>6</b>	---	---
Sulfur ppm	ASTM D5185m	<b>1181</b>	---	---

## CONTAMINANTS

method	limit/base	current	history1	history2
Silicon ppm	ASTM D5185m >20	<b>11</b>	---	---
Sodium ppm	ASTM D5185m	<b>4</b>	---	---
Potassium ppm	ASTM D5185m >20	<b>2</b>	---	---

## VISUAL

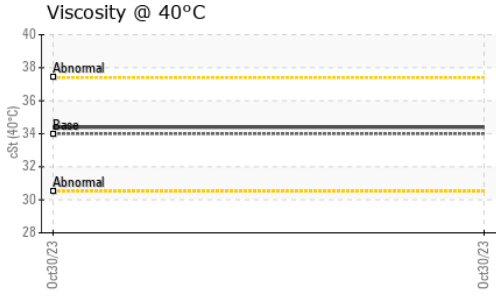
method	limit/base	current	history1	history2
White Metal scalar	*Visual NONE	<b>NONE</b>	---	---
Yellow Metal scalar	*Visual NONE	<b>NONE</b>	---	---
Precipitate scalar	*Visual NONE	<b>NONE</b>	---	---
Silt scalar	*Visual NONE	<b>NONE</b>	---	---
Debris scalar	*Visual NONE	<b>NONE</b>	---	---
Sand/Dirt 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>	---	---

## FLUID PROPERTIES

method	limit/base	current	history1	history2
Visc @ 40°C cSt	ASTM D445 34	<b>34.4</b>	---	---

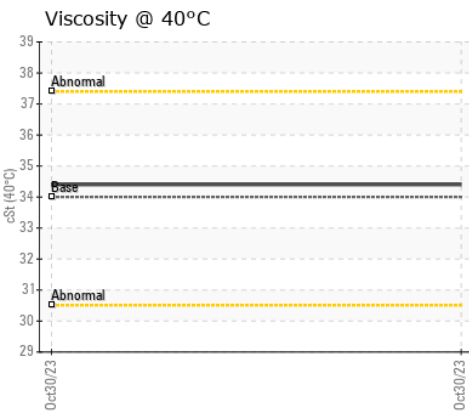
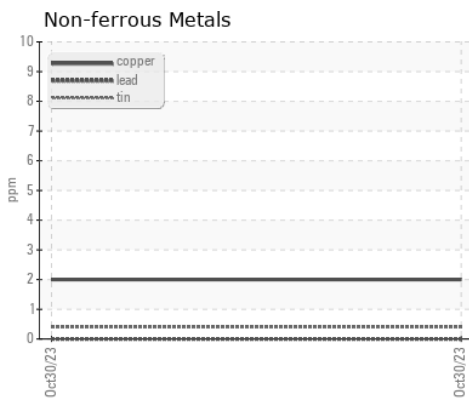
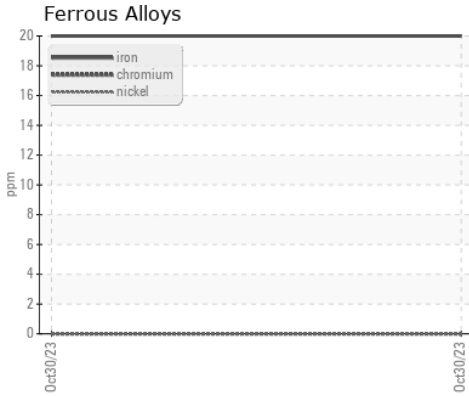


# OIL ANALYSIS REPORT



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.** : GFL0088729     **Received** : 01 Nov 2023  
**Lab Number** : 05996098     **Diagnosed** : 03 Nov 2023  
**Unique Number** : 10724458     **Diagnostician** : Don Baldrige  
**Test Package** : FLEET

**GFL Environmental - 010 - Stockbridge**  
 1280 Rum Creek Parkway  
 Stockbridge, GA  
 US 30281  
 Contact: JOSHUA TINKER  
 joshuatinker@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)