



Area

**(TJX4156)**

Machine Id

**934056**

Component

**Transmission**

Fluid

**PETRO CANADA DURON GEO LD 15W40 (--- GAL)**

**RECOMMENDATION**

The fluid change at the time of sampling has been noted. Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>GFL0125216</b>	GFL0117743	---
Sample Date		Client Info		<b>05 Jun 2024</b>	24 Apr 2024	---
Machine Age	hrs	Client Info		<b>2420</b>	2049	---
Oil Age	hrs	Client Info		<b>0</b>	0	---
Filter Age	hrs	Client Info		<b>0</b>	0	---
Oil Changed		Client Info		<b>Changed</b>	Not Chngd	---
Filter Changed		Client Info		<b>None</b>	Not Chngd	---
Sample Status				<b>ATTENTION</b>	NORMAL	---

**WEAR**

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>200	<b>67</b>	43	---
Chromium	ppm	ASTM D5185m	>10	<b>&lt;1</b>	<1	---
Nickel	ppm	ASTM D5185m		<b>1</b>	<1	---
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	---
Silver	ppm	ASTM D5185m		<b>&lt;1</b>	0	---
Aluminum	ppm	ASTM D5185m	>50	<b>21</b>	13	---
Lead	ppm	ASTM D5185m	>50	<b>14</b>	8	---
Copper	ppm	ASTM D5185m	>200	<b>13</b>	8	---
Tin	ppm	ASTM D5185m	>10	<b>4</b>	2	---
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	---
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---

**CONTAMINATION**

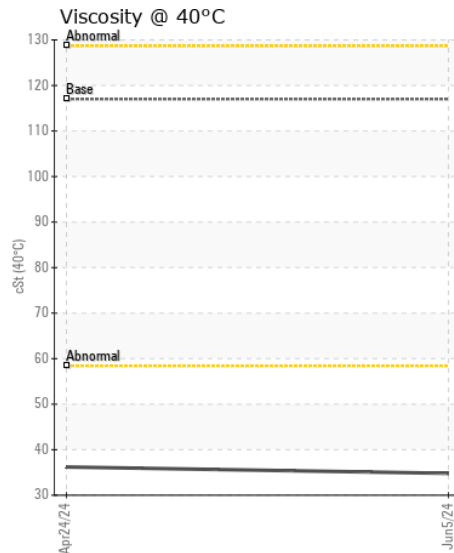
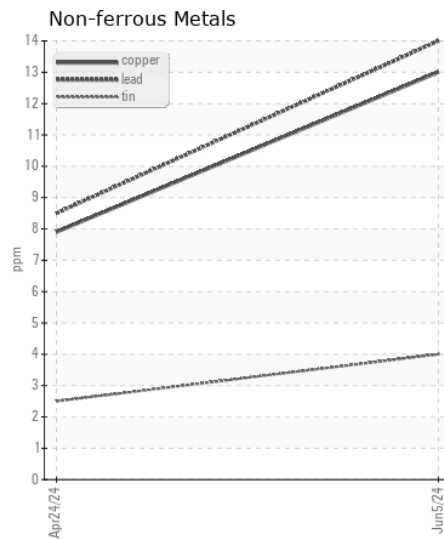
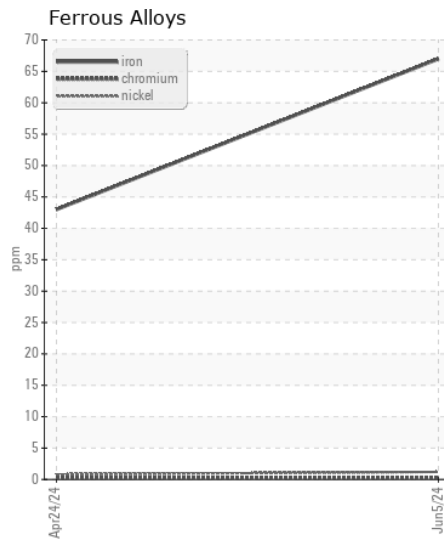
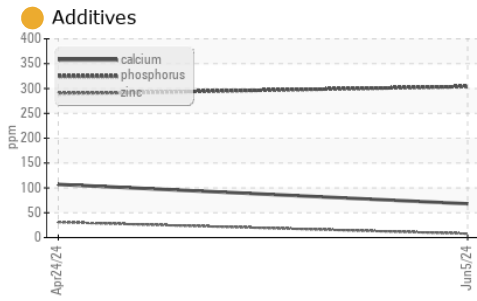
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>50	<b>5</b>	4	---
Potassium	ppm	ASTM D5185m	>20	<b>6</b>	6	---
Water		WC Method	>0.1	<b>NEG</b>	NEG	---
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	---

**FLUID CONDITION**

The fluid viscosity is lower than normal. This plus the additive levels indicates the addition of a different brand, or type of oil. Confirm oil type.

Sodium	ppm	ASTM D5185m		<b>3</b>	3	---
Boron	ppm	ASTM D5185m	50	<b>93</b>	63	---
Barium	ppm	ASTM D5185m	5	<b>4</b>	2	---
Molybdenum	ppm	ASTM D5185m	50	<b>1</b>	2	---
Manganese	ppm	ASTM D5185m	0	<b>2</b>	1	---
Magnesium	ppm	ASTM D5185m	560	<b>2</b>	26	---
Calcium	ppm	ASTM D5185m	1510	<b>68</b>	107	---
Phosphorus	ppm	ASTM D5185m	780	<b>304</b>	289	---
Zinc	ppm	ASTM D5185m	870	<b>8</b>	31	---
Sulfur	ppm	ASTM D5185m	2040	<b>1415</b>	1110	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : GFL0125216  
**Lab Number** : 06217453  
**Unique Number** : 11090317  
**Test Package** : FLEET

**Received** : 21 Jun 2024  
**Tested** : 25 Jun 2024  
**Diagnosed** : 25 Jun 2024 - Sean Felton

**GFL Environmental - 865 - East Mount Hauling**  
 7213 East Mount Houston Road  
 Houston, TX  
 US 77050  
 Contact: TECHNICIAN ACCOUNT  
 wcgfldemo@gmail.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: