



WEAR	<b>NORMAL</b>
CONTAMINATION	<b>ABNORMAL</b>
FLUID CONDITION	<b>NORMAL</b>

Machine Id  
**731115**  
 Component  
**Transmission (Auto)**  
 Fluid  
**PETRO CANADA DuraDrive HD Synthetic 668 (--- GAL)**

**RECOMMENDATION**

No corrective action is recommended at this time. The filter 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>GFL0124054</b>	GFL0103310	GFL0087236
Sample Date		Client Info		<b>26 Jun 2024</b>	23 Jan 2024	07 Jul 2023
Machine Age	hrs	Client Info		<b>7511</b>	6492	5214
Oil Age	hrs	Client Info		<b>120</b>	6492	1200
Filter Age	hrs	Client Info		<b>120</b>	1200	1200
Oil Changed		Client Info		<b>Not Changed</b>	Not Changed	Changed
Filter Changed		Client Info		<b>Changed</b>	Changed	Changed
Sample Status				<b>ABNORMAL</b>	NORMAL	ABNORMAL

**WEAR**

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>160	<b>147</b>	57	119
Chromium	ppm	ASTM D5185m	>5	<b>&lt;1</b>	0	<1
Nickel	ppm	ASTM D5185m	>5	<b>0</b>	<1	<1
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	0	<1
Silver	ppm	ASTM D5185m	>5	<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>50	<b>44</b>	9	34
Lead	ppm	ASTM D5185m	>50	<b>7</b>	0	8
Copper	ppm	ASTM D5185m	>225	<b>47</b>	8	34
Tin	ppm	ASTM D5185m	>10	<b>7</b>	1	6
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	0	<1
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	▲ MODER
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

**CONTAMINATION**

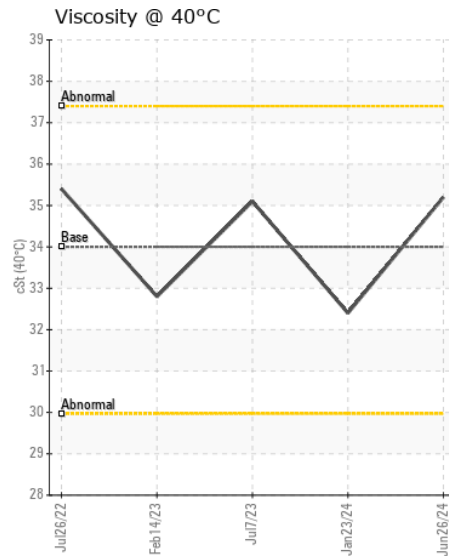
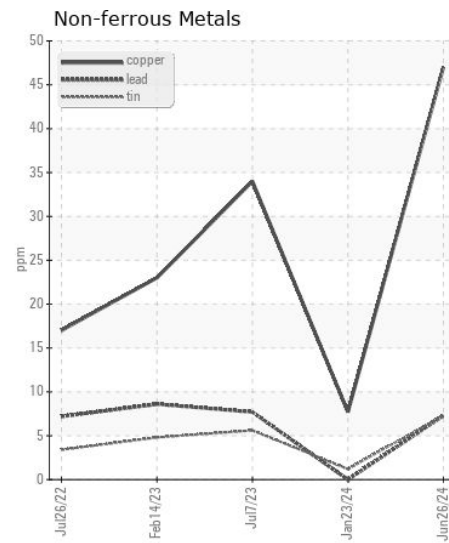
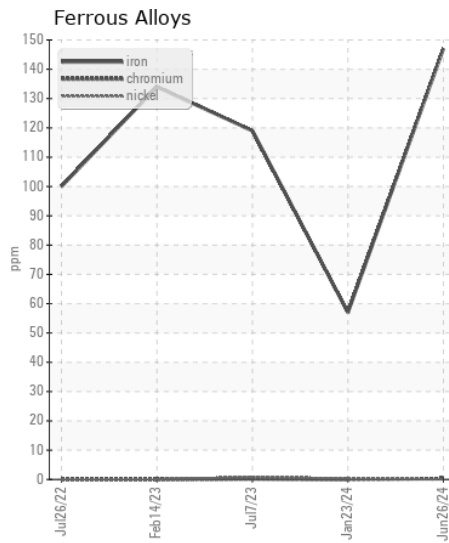
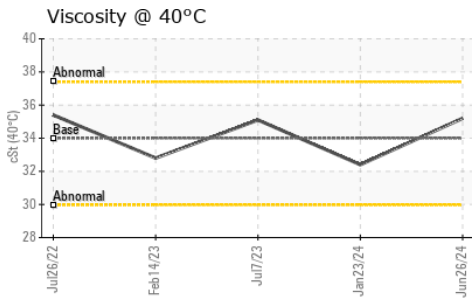
There is a moderate amount of visible silt present in the sample.

Silicon	ppm	ASTM D5185m	>20	<b>9</b>	7	6
Potassium	ppm	ASTM D5185m	>20	<b>4</b>	1	5
Water		WC Method	>0.1	<b>NEG</b>	NEG	NEG
Silt	scalar	*Visual	NONE	▲ <b>MODER</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
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

**FLUID CONDITION**

The condition of the fluid is acceptable for the time in service.

Sodium	ppm	ASTM D5185m		<b>11</b>	5	7
Boron	ppm	ASTM D5185m		<b>70</b>	51	78
Barium	ppm	ASTM D5185m		<b>1</b>	0	0
Molybdenum	ppm	ASTM D5185m		<b>&lt;1</b>	0	2
Manganese	ppm	ASTM D5185m		<b>3</b>	2	3
Magnesium	ppm	ASTM D5185m		<b>0</b>	0	5
Calcium	ppm	ASTM D5185m		<b>72</b>	108	61
Phosphorus	ppm	ASTM D5185m		<b>244</b>	199	238
Zinc	ppm	ASTM D5185m		<b>8</b>	22	0
Sulfur	ppm	ASTM D5185m		<b>1130</b>	1415	999
Visc @ 40°C	cSt	ASTM D445	34	<b>35.2</b>	32.4	35.1



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : GFL0124054  
**Lab Number** : 06223920  
**Unique Number** : 11102117  
**Test Package** : FLEET

**Received** : 28 Jun 2024  
**Tested** : 29 Jun 2024  
**Diagnosed** : 30 Jun 2024 - Don Baldrige

**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)

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F: