



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



Area  
**(C0804129) {UNASSIGNED}**  
Machine Id  
**834023**  
Component  
**Transmission (Auto)**  
Fluid  
**PETRO CANADA DuraDrive HD Synthetic 668 (8 GAL)**

**RECOMMENDATION**

Oil and 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>GFL0122174</b>	GFL0118095	GFL0115694
Sample Date		Client Info		<b>24 May 2024</b>	15 May 2024	12 Apr 2024
Machine Age	hrs	Client Info		<b>2146</b>	2106	1902
Oil Age	hrs	Client Info		<b>2137</b>	2097	1893
Filter Age	hrs	Client Info		<b>2137</b>	2097	1893
Oil Changed		Client Info		<b>Changed</b>	Not Changd	Not Changd
Filter Changed		Client Info		<b>Changed</b>	Not Changd	Not Changd
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

**WEAR**

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>325	<b>88</b>	86	88
Chromium	ppm	ASTM D5185m	>2	<b>0</b>	0	0
Nickel	ppm	ASTM D5185m	>2	<b>&lt;1</b>	0	0
Titanium	ppm	ASTM D5185m	>3	<b>1</b>	0	0
Silver	ppm	ASTM D5185m	>5	<b>0</b>	<1	0
Aluminum	ppm	ASTM D5185m	>75	<b>34</b>	34	36
Lead	ppm	ASTM D5185m	>40	<b>84</b>	76	65
Copper	ppm	ASTM D5185m	>50	<b>27</b>	28	28
Tin	ppm	ASTM D5185m	>10	<b>4</b>	<1	<1
Vanadium	ppm	ASTM D5185m		<b>0</b>	<1	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

**CONTAMINATION**

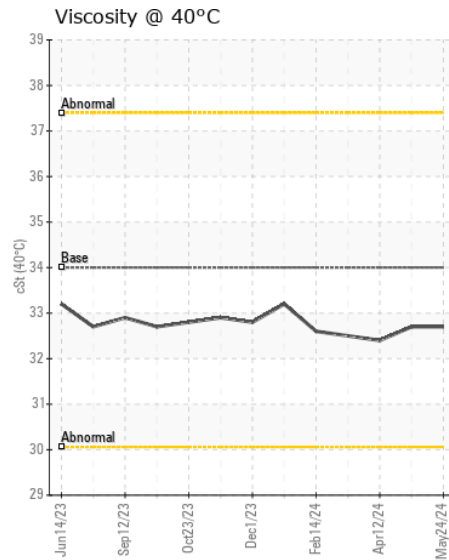
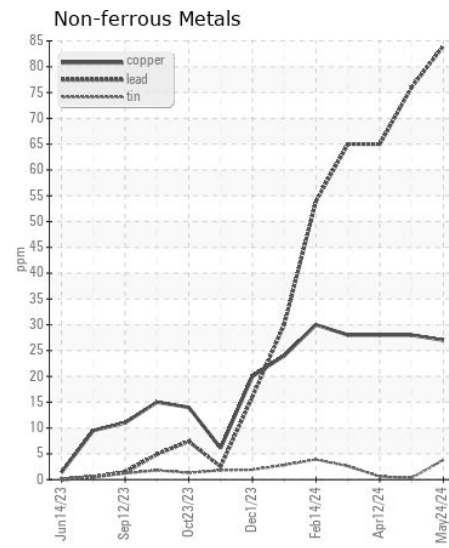
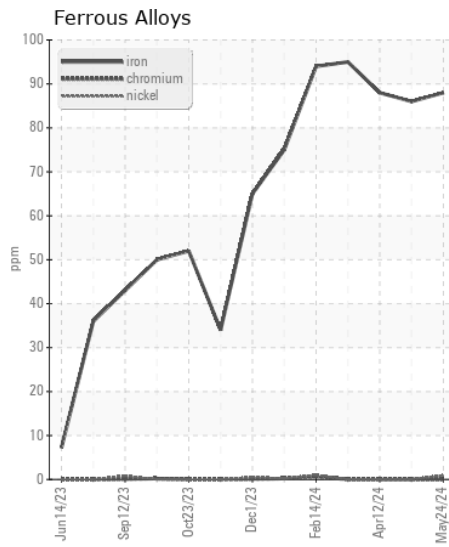
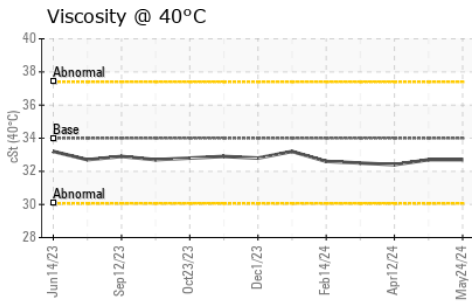
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>20	<b>17</b>	16	17
Potassium	ppm	ASTM D5185m	>20	<b>6</b>	4	2
Water		WC Method	>0.1	<b>NEG</b>	NEG	NEG
Silt	scalar	*Visual	NONE	<b>NONE</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>9</b>	9	10
Boron	ppm	ASTM D5185m		<b>51</b>	42	40
Barium	ppm	ASTM D5185m		<b>&lt;1</b>	1	<1
Molybdenum	ppm	ASTM D5185m		<b>0</b>	0	0
Manganese	ppm	ASTM D5185m		<b>3</b>	2	2
Magnesium	ppm	ASTM D5185m		<b>15</b>	<1	0
Calcium	ppm	ASTM D5185m		<b>139</b>	148	108
Phosphorus	ppm	ASTM D5185m		<b>217</b>	198	172
Zinc	ppm	ASTM D5185m		<b>47</b>	42	22
Sulfur	ppm	ASTM D5185m		<b>1743</b>	1664	1453
Visc @ 40°C	cSt	ASTM D445	34	<b>32.7</b>	32.7	32.4



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : GFL0122174  
**Lab Number** : 06193156  
**Unique Number** : 11049908  
**Test Package** : FLEET

**Received** : 28 May 2024  
**Tested** : 30 May 2024  
**Diagnosed** : 30 May 2024 - Sean Felton

**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)

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F: