



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

Area  
**(87J4TW)**  
Machine Id  
**726037-310027**  
Component  
**Transmission (Auto)**  
Fluid  
**PETRO CANADA DuraDrive HD Synthetic 668 (--- GAL)**

**RECOMMENDATION**

No corrective action is recommended at this time. Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>GFL0114061</b>	GFL0095140	GFL0070381
Sample Date		Client Info		<b>10 Apr 2024</b>	12 Oct 2023	28 Apr 2023
Machine Age	hrs	Client Info		<b>15479</b>	14468	13574
Oil Age	hrs	Client Info		<b>0</b>	14468	13574
Filter Age	hrs	Client Info		<b>1200</b>	1200	1200
Oil Changed		Client Info		<b>Not Changed</b>	Not Changed	N/A
Filter Changed		Client Info		<b>Changed</b>	Changed	Changed
Sample Status				<b>ABNORMAL</b>	NORMAL	ABNORMAL

**WEAR**

Gear wear is indicated.

Iron	ppm	ASTM D5185m	>160	<b>▲ 182</b>	114	▲ 218
Chromium	ppm	ASTM D5185m	>5	<b>0</b>	0	<1
Nickel	ppm	ASTM D5185m	>5	<b>0</b>	0	<1
Titanium	ppm	ASTM D5185m		<b>0</b>	0	<1
Silver	ppm	ASTM D5185m	>5	<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>50	<b>13</b>	10	▲ 63
Lead	ppm	ASTM D5185m	>50	<b>0</b>	0	2
Copper	ppm	ASTM D5185m	>225	<b>3</b>	6	31
Tin	ppm	ASTM D5185m	>10	<b>&lt;1</b>	<1	4
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	0
White Metal	scalar	*Visual	NONE	<b>LIGHT</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

**CONTAMINATION**

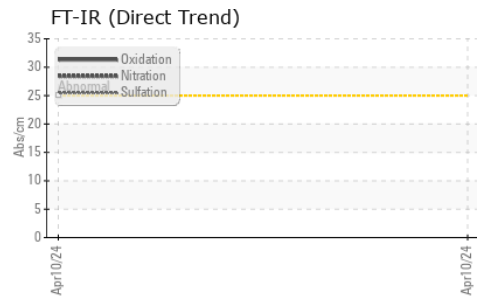
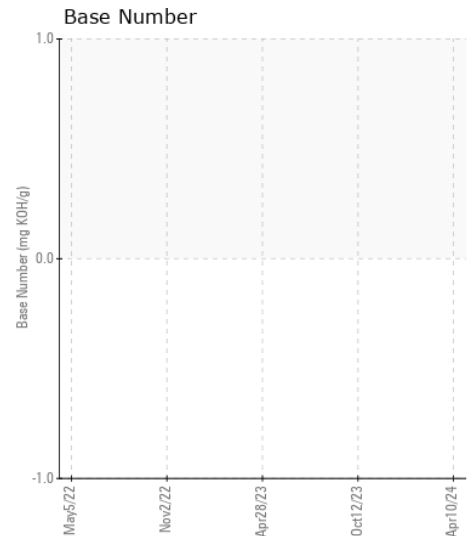
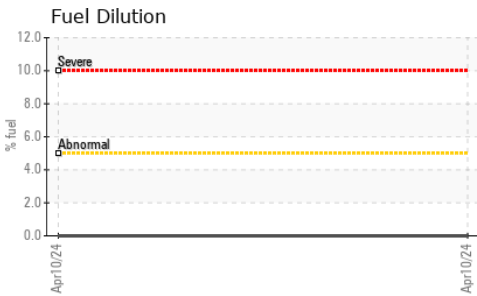
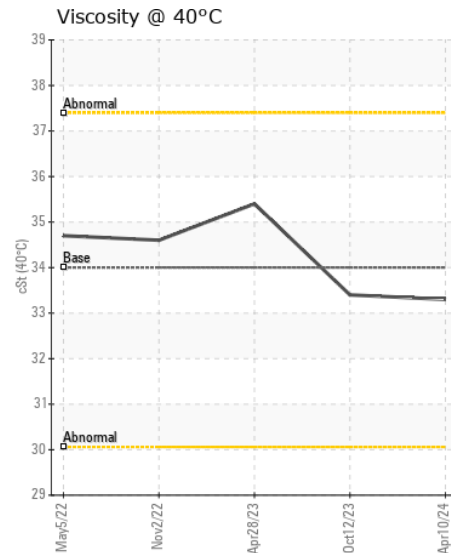
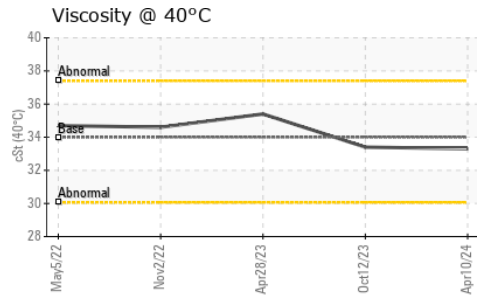
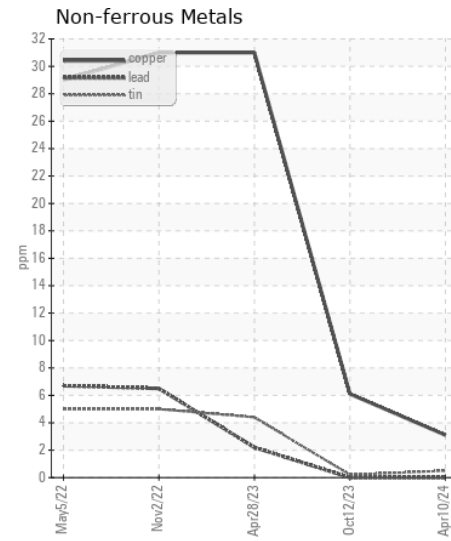
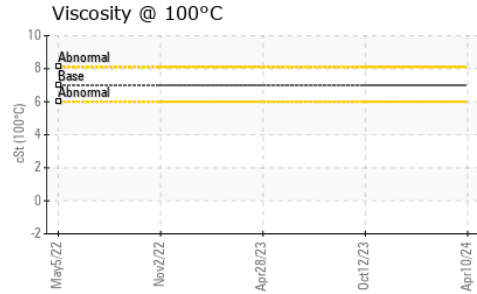
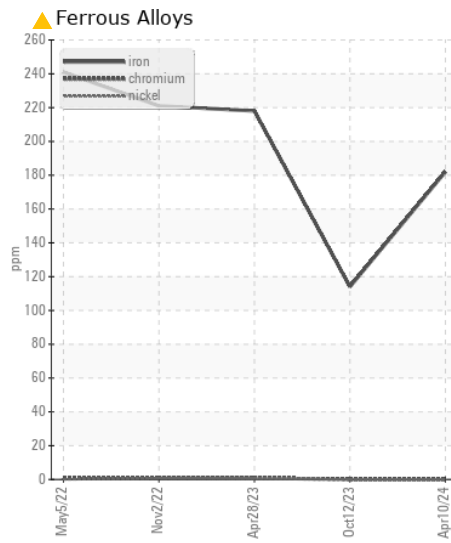
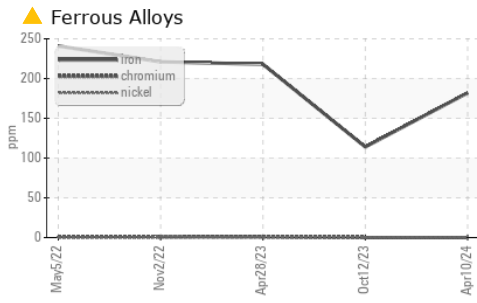
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>20	<b>13</b>	15	10
Potassium	ppm	ASTM D5185m	>20	<b>0</b>	<1	3
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	▲ MODER
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>5</b>	5	16
Boron	ppm	ASTM D5185m		<b>71</b>	72	71
Barium	ppm	ASTM D5185m		<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m		<b>0</b>	0	<1
Manganese	ppm	ASTM D5185m		<b>2</b>	1	3
Magnesium	ppm	ASTM D5185m		<b>3</b>	1	1
Calcium	ppm	ASTM D5185m		<b>125</b>	176	71
Phosphorus	ppm	ASTM D5185m		<b>204</b>	232	278
Zinc	ppm	ASTM D5185m		<b>0</b>	22	9
Sulfur	ppm	ASTM D5185m		<b>1653</b>	1666	795
Visc @ 40°C	cSt	ASTM D445	34	<b>33.3</b>	33.4	35.4



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513

Sample No. : GFL0114061

Lab Number : 06148196

Unique Number : 10978274

Test Package : FLEET ( Additional Tests: FT-IR, FuelDilution, KV100, PercentFuel, TBN )

Received : 15 Apr 2024

Tested : 19 Apr 2024

Diagnosed : 19 Apr 2024 - Jonathan Hester

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)

T:

F: