



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



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

**RECOMMENDATION**

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>GFL0107223</b>	GFL0101248	GFL0101203
Sample Date		Client Info		<b>08 Jan 2024</b>	01 Dec 2023	10 Nov 2023
Machine Age	hrs	Client Info		<b>1339</b>	1005	900
Oil Age	hrs	Client Info		<b>1339</b>	1005	900
Filter Age	hrs	Client Info		<b>1339</b>	1005	900
Oil Changed		Client Info		<b>Not Changed</b>	Not Changed	Not Changed
Filter Changed		Client Info		<b>Not Changed</b>	Not Changed	Not Changed
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

**WEAR**

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>325	<b>75</b>	65	34
Chromium	ppm	ASTM D5185m	>2	<b>&lt;1</b>	<1	0
Nickel	ppm	ASTM D5185m	>2	<b>&lt;1</b>	<1	0
Titanium	ppm	ASTM D5185m	>3	<b>0</b>	0	0
Silver	ppm	ASTM D5185m	>5	<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>75	<b>29</b>	21	8
Lead	ppm	ASTM D5185m	>40	<b>30</b>	16	2
Copper	ppm	ASTM D5185m	>50	<b>24</b>	20	6
Tin	ppm	ASTM D5185m	>10	<b>3</b>	2	2
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	<1
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.

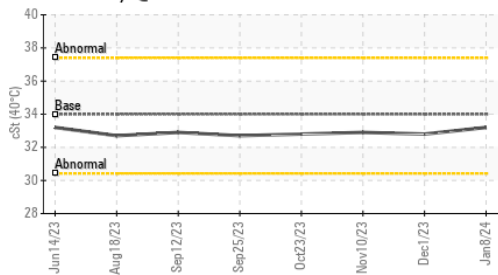
Silicon	ppm	ASTM D5185m	>20	<b>20</b>	19	7
Potassium	ppm	ASTM D5185m	>20	<b>4</b>	4	4
Water		WC Method	>0.1	<b>NEG</b>	NEG	NEG
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	*Visual	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**

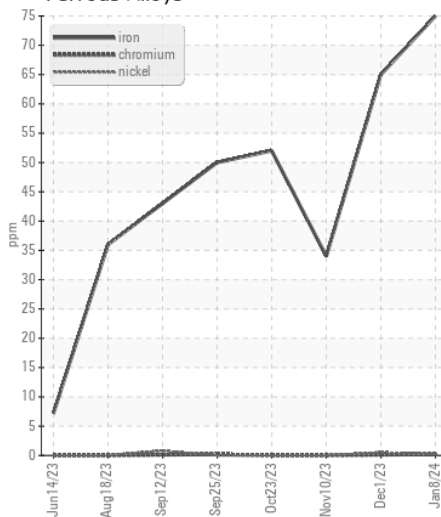
The condition of the fluid is acceptable for the time in service.

Sodium	ppm	ASTM D5185m		<b>8</b>	5	4
Boron	ppm	ASTM D5185m		<b>39</b>	41	73
Barium	ppm	ASTM D5185m		<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m		<b>0</b>	<1	<1
Manganese	ppm	ASTM D5185m		<b>2</b>	2	1
Magnesium	ppm	ASTM D5185m		<b>0</b>	1	0
Calcium	ppm	ASTM D5185m		<b>115</b>	119	120
Phosphorus	ppm	ASTM D5185m		<b>204</b>	198	210
Zinc	ppm	ASTM D5185m		<b>22</b>	17	2
Sulfur	ppm	ASTM D5185m		<b>1475</b>	1598	1698
Visc @ 40°C	cSt	ASTM D445	34	<b>33.2</b>	32.8	32.9

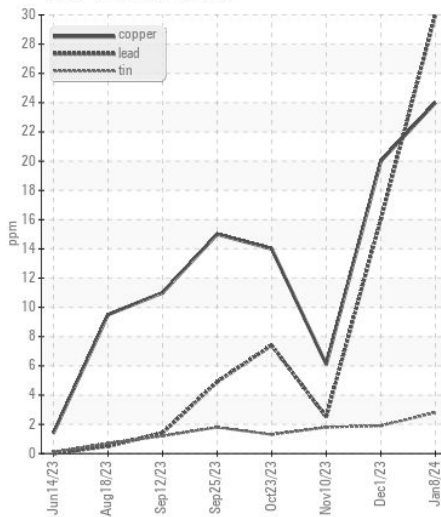
Viscosity @ 40°C



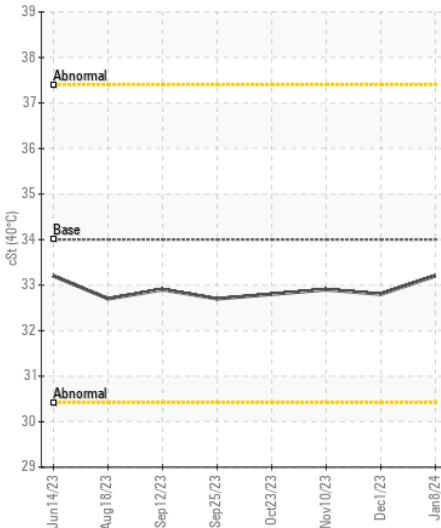
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : GFL0107223 **Received** : 11 Jan 2024  
**Lab Number** : 06058484 **Diagnosed** : 14 Jan 2024  
**Unique Number** : 10829866 **Diagnostician** : Don Baldrige  
**Test Package** : FLEET

**GFL Environmental - 010 - Stockbridge**  
 1280 Rum Creek Parkway  
 Stockbridge, GA  
 US 30281  
 Contact: JOSHUA TINKER  
 joshuatinker@gflenv.com  
 T:  
 F:

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)