



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



Machine Id

**8416**

Component

**2 Differential**

Fluid

**PETRO CANADA TRAXON SYNTHETIC 75W90 (--- GAL)**

**RECOMMENDATION**

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>GFL0117083</b>	GFL0089704	GFL0089672
Sample Date		Client Info		<b>04 Apr 2024</b>	05 Oct 2023	08 Aug 2023
Machine Age	hrs	Client Info		<b>16992</b>	16546	16346
Oil Age	hrs	Client Info		<b>16664</b>	16346	15597
Filter Age	hrs	Client Info		<b>0</b>	16346	15597
Oil Changed		Client Info		<b>N/A</b>	N/A	N/A
Filter Changed		Client Info		<b>N/A</b>	N/A	N/A
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

**WEAR**

Les taux d'usure de tous les composants sont normaux.

Iron	ppm	ASTM D5185(m)	>500	<b>319</b>	271	275
Chromium	ppm	ASTM D5185(m)	>10	<b>3</b>	2	2
Nickel	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	<1	<1
Titanium	ppm	ASTM D5185(m)		<b>&lt;1</b>	0	1
Silver	ppm	ASTM D5185(m)		<b>0</b>	<1	0
Aluminum	ppm	ASTM D5185(m)	>25	<b>12</b>	12	16
Lead	ppm	ASTM D5185(m)	>25	<b>0</b>	<1	0
Copper	ppm	ASTM D5185(m)	>100	<b>&lt;1</b>	1	1
Tin	ppm	ASTM D5185(m)	>10	<b>0</b>	0	0
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0
White Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE

**CONTAMINATION**

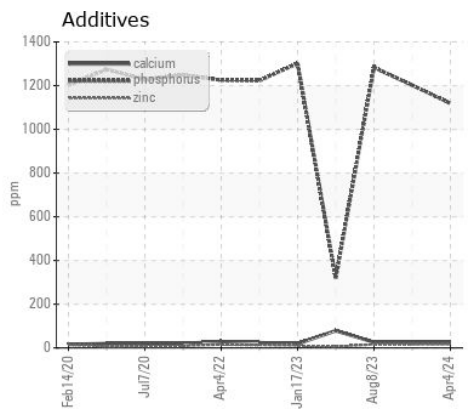
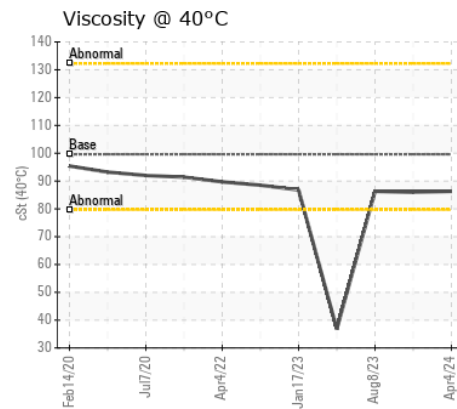
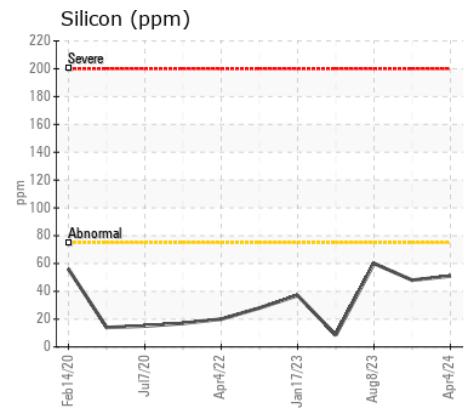
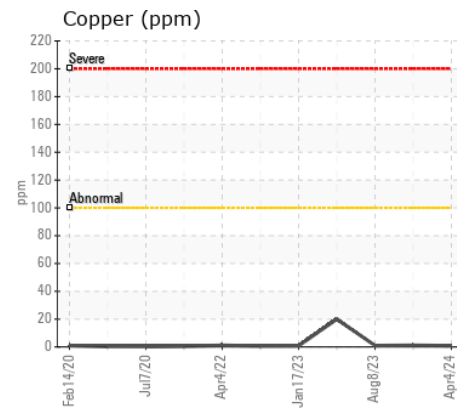
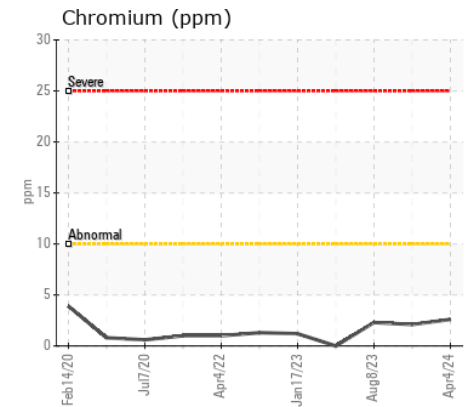
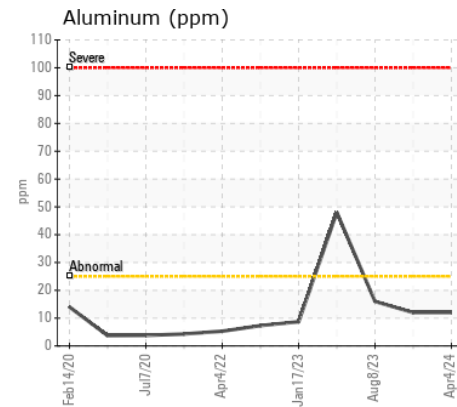
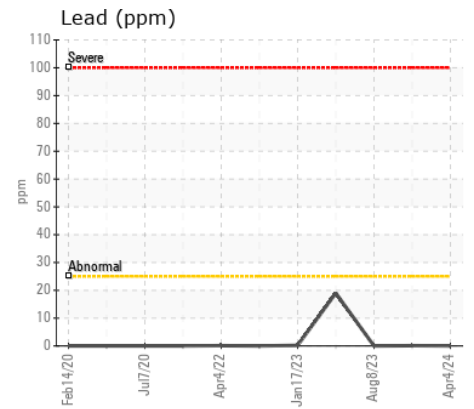
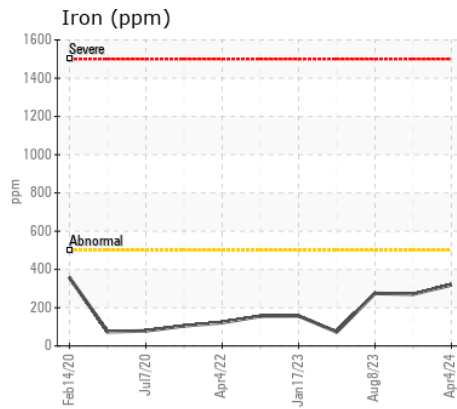
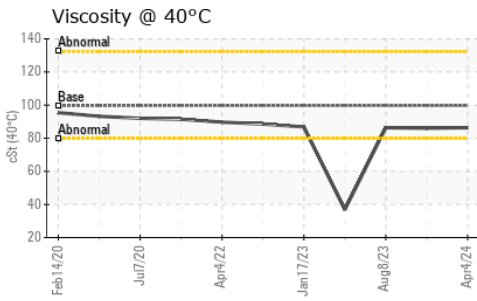
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>75	<b>51</b>	48	60
Potassium	ppm	ASTM D5185(m)	>20	<b>3</b>	3	5
Water		WC Method	>.2	<b>NEG</b>	NEG	NEG
Silt	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	Visual*	NONE	<b>VLITE</b>	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	<b>NONE</b>	VLITE	NONE
Appearance	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	Visual*	>.2	<b>NEG</b>	NEG	NEG

**FLUID CONDITION**

L'état de l'huile est acceptable pour la durée de service.

Sodium	ppm	ASTM D5185(m)		<b>12</b>	12	14
Boron	ppm	ASTM D5185(m)	328	<b>244</b>	277	280
Barium	ppm	ASTM D5185(m)	1	<b>2</b>	3	3
Molybdenum	ppm	ASTM D5185(m)		<b>0</b>	0	<1
Manganese	ppm	ASTM D5185(m)		<b>5</b>	5	5
Magnesium	ppm	ASTM D5185(m)	1	<b>5</b>	4	6
Calcium	ppm	ASTM D5185(m)	7	<b>24</b>	25	26
Phosphorus	ppm	ASTM D5185(m)	1145	<b>1119</b>	1202	1283
Zinc	ppm	ASTM D5185(m)	3	<b>17</b>	16	16
Sulfur	ppm	ASTM D5185(m)	17909	<b>18789</b>	20422	20466
Visc @ 40°C	cSt	ASTM D7279(m)	99.6	<b>86.3</b>	86.0	86.3



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : GFL0117083  
**Lab Number** : 02630751  
**Unique Number** : 5763883  
**Test Package** : MOB 1  
**Received** : 22 Apr 2024  
**Tested** : 23 Apr 2024  
**Diagnosed** : 23 Apr 2024 - Wes Davis

**GFL Environmental - 732 - Beauce - Hauling - Solid Waste**  
 139, 181 Street,  
 Beauceville, QC  
 CA G5X 2S9  
 Contact: Sandrine Duval  
 sduval@matrec.ca  
 T: (418)774-5275  
 F: (418)774-5292

To discuss this sample report, contact Customer Service at 1-800-268-2131.  
 Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab.  
 Validity of results and interpretation are based on the sample and information as supplied.