

Machine Id
819016
Component
2 Differential
Fluid
PETRO CANADA TRAXON SYNTHETIC 75W90 (--- GAL)

RECOMMENDATION

Confirm the source of the lubricant being utilized for top-up/fill.
Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Veuillez préciser la marque et le modèle du composant lors du prochain échantillon.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		GFL0061261	GFL0089703	GFL0078347
Sample Date		Client Info		15 Jan 2024	06 Oct 2023	27 Jun 2023
Machine Age	hrs	Client Info		5114	5104	4509
Oil Age	hrs	Client Info		5114	5104	4509
Filter Age	hrs	Client Info		5114	5104	4509
Oil Changed		Client Info		N/A	N/A	N/A
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

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

Iron	ppm	ASTM D5185(m)	>500	434	435	409
Chromium	ppm	ASTM D5185(m)	>10	4	4	4
Nickel	ppm	ASTM D5185(m)	>10	<1	<1	<1
Titanium	ppm	ASTM D5185(m)		0	0	<1
Silver	ppm	ASTM D5185(m)		0	<1	0
Aluminum	ppm	ASTM D5185(m)	>25	19	19	19
Lead	ppm	ASTM D5185(m)	>25	0	0	0
Copper	ppm	ASTM D5185(m)	>100	3	3	3
Tin	ppm	ASTM D5185(m)	>10	0	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0
White Metal	scalar	Visual*	NONE	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	NONE

CONTAMINATION

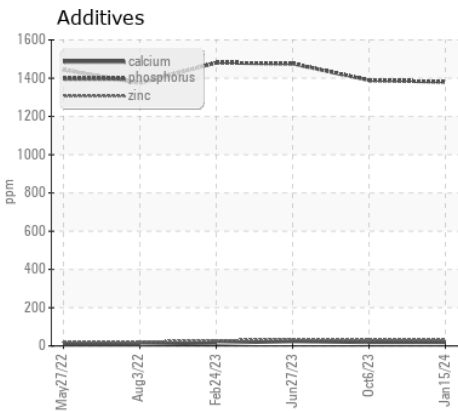
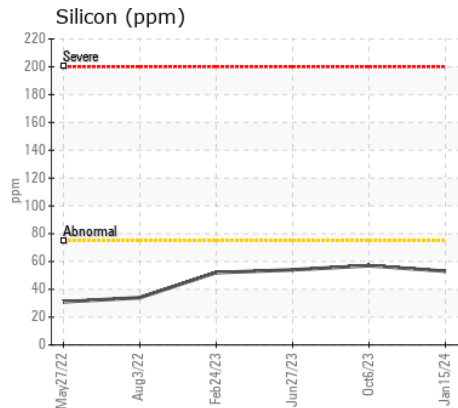
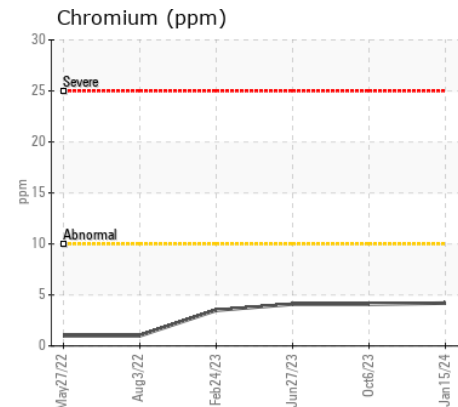
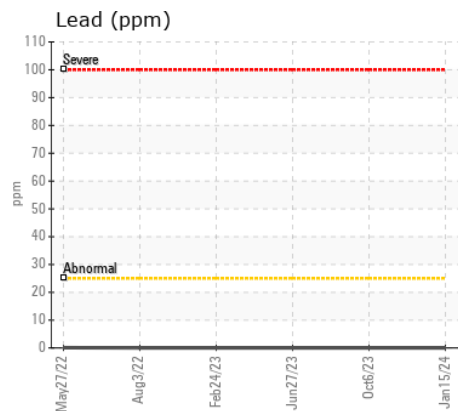
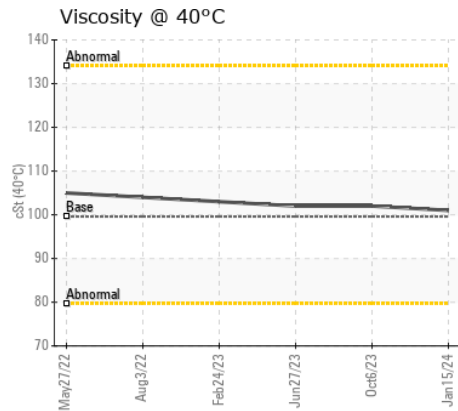
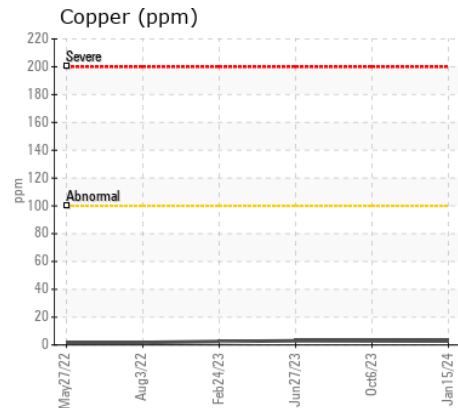
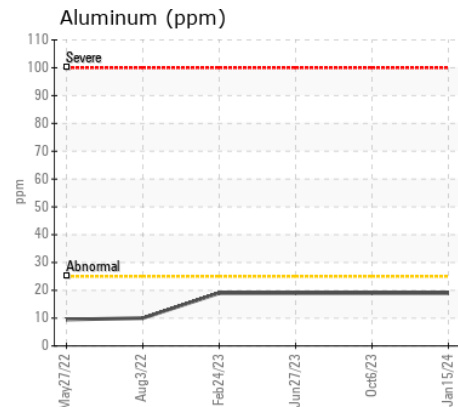
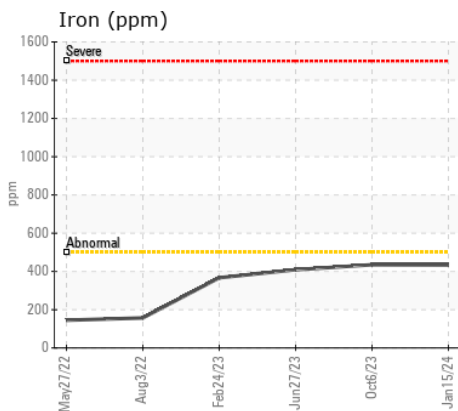
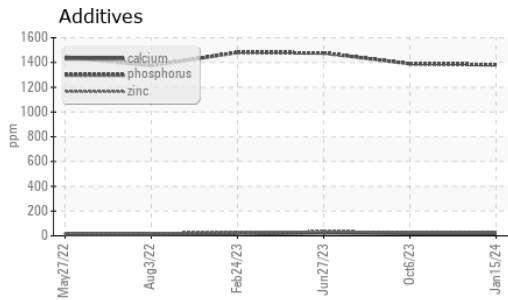
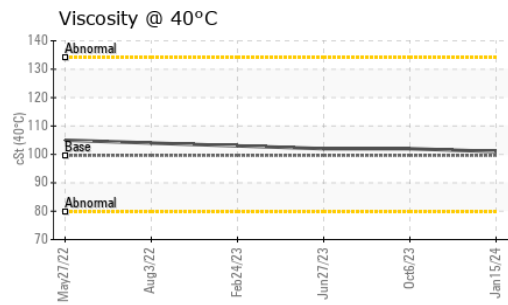
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>75	53	57	54
Potassium	ppm	ASTM D5185(m)	>20	5	4	5
Water		WC Method	>.2	NEG	NEG	NEG
Silt	scalar	Visual*	NONE	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	VLITE	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE	NONE
Appearance	scalar	Visual*	NORML	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML	NORML
Emulsified Water	scalar	Visual*	>.2	NEG	NEG	NEG

FLUID CONDITION

Les niveaux d'additifs indiquent l'ajout d'une autre marque ou d'un autre type d'huile. L'état de l'huile est acceptable pour la durée de service.

Sodium	ppm	ASTM D5185(m)		19	19	21
Boron	ppm	ASTM D5185(m)	328	223	243	250
Barium	ppm	ASTM D5185(m)	1	21	22	22
Molybdenum	ppm	ASTM D5185(m)		0	0	<1
Manganese	ppm	ASTM D5185(m)		18	18	17
Magnesium	ppm	ASTM D5185(m)	1	5	5	5
Calcium	ppm	ASTM D5185(m)	7	19	19	24
Phosphorus	ppm	ASTM D5185(m)	1145	1381	1389	1476
Zinc	ppm	ASTM D5185(m)	3	30	31	34
Sulfur	ppm	ASTM D5185(m)	17909	21589	21593	21593
Visc @ 40°C	cSt	ASTM D7279(m)	99.6	101	102	102



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 732 - Beauce - Hauling - Solid Waste
Sample No. : GFL0061261 **Received** : 18 Jan 2024
Lab Number : 02609739 **Diagnosed** : 18 Jan 2024
Unique Number : 5710825 **Diagnostician** : Kevin Marson
Test Package : MOB 1

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.

139, 181 Street,
 Beauceville, QC
 CA G5X 2S9
 Contact: Sandrine Duval
 sduval@matrec.ca
 T: (418)774-5275
 F: (418)774-5292