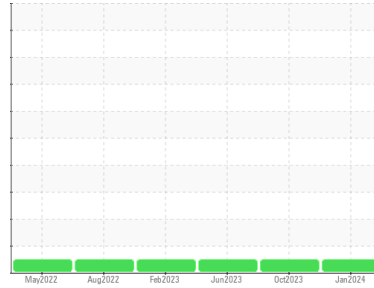




OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id
819016

Component
1 Differential

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

DIAGNOSIS

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.

Wear

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

Contamination

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

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.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		GFL0061260	GFL0089701	GFL0078348
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
Oil Changed	Client Info		N/A	N/A	N/A
Sample Status			NORMAL	NORMAL	NORMAL

CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>.2	NEG	NEG	NEG

WEAR METALS

	method	limit/base	current	history1	history2
PQ	ASTM D8184*		5	15	---
Iron	ppm	ASTM D5185(m) >500	517	508	469
Chromium	ppm	ASTM D5185(m) >10	3	2	2
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	3	3	3
Lead	ppm	ASTM D5185(m) >25	0	<1	0
Copper	ppm	ASTM D5185(m) >100	5	5	5
Tin	ppm	ASTM D5185(m) >10	<1	0	<1
Antimony	ppm	ASTM D5185(m) >5	0	0	0
Vanadium	ppm	ASTM D5185(m)	0	0	0
Beryllium	ppm	ASTM D5185(m)	0	0	0
Cadmium	ppm	ASTM D5185(m)	0	0	0

ADDITIVES

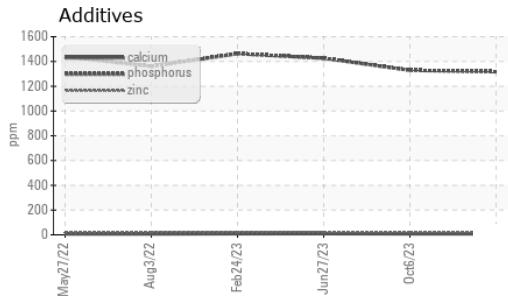
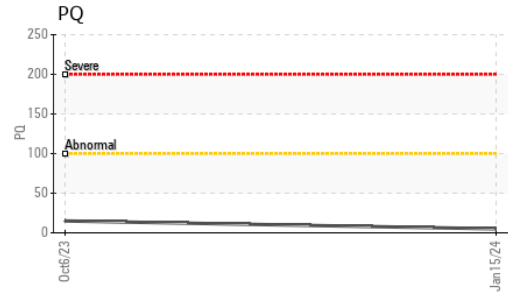
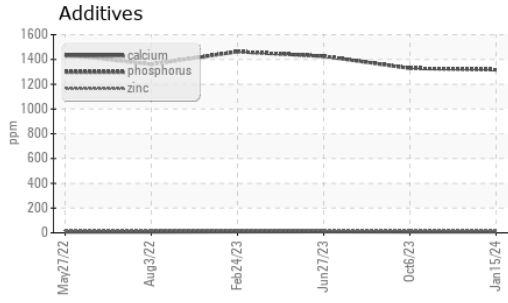
	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m) 328	187	205	225
Barium	ppm	ASTM D5185(m) 1	2	3	3
Molybdenum	ppm	ASTM D5185(m)	0	0	<1
Manganese	ppm	ASTM D5185(m)	22	22	21
Magnesium	ppm	ASTM D5185(m) 1	3	2	3
Calcium	ppm	ASTM D5185(m) 7	8	8	9
Phosphorus	ppm	ASTM D5185(m) 1145	1317	1329	1426
Zinc	ppm	ASTM D5185(m) 3	19	20	21
Sulfur	ppm	ASTM D5185(m) 17909	20006	20172	20544
Lithium	ppm	ASTM D5185(m)	2	2	2

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m) >75	68	71	65
Sodium	ppm	ASTM D5185(m)	9	10	10
Potassium	ppm	ASTM D5185(m) >20	2	1	1



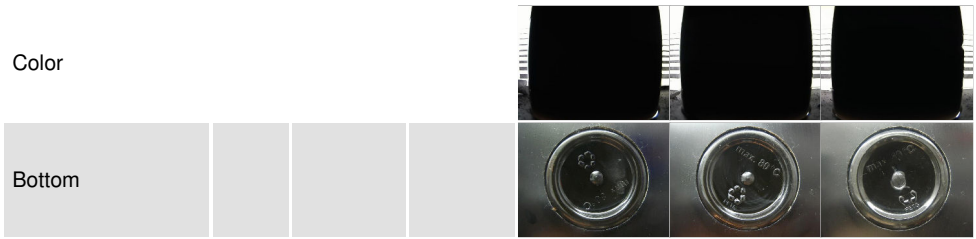
OIL ANALYSIS REPORT



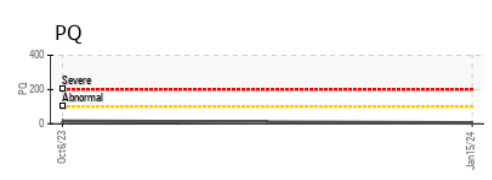
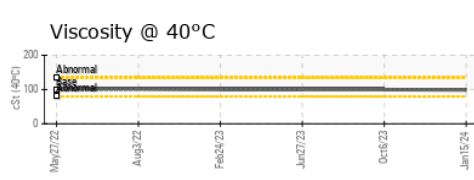
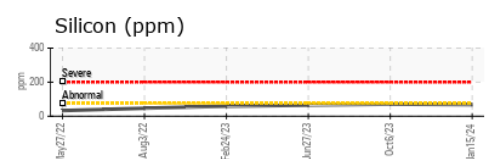
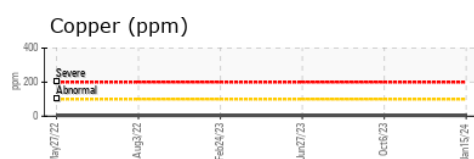
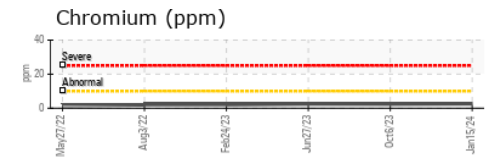
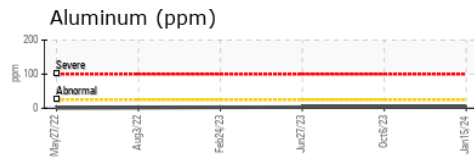
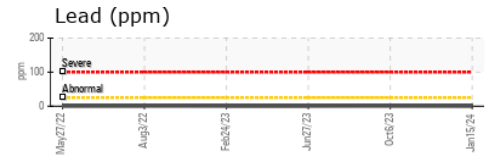
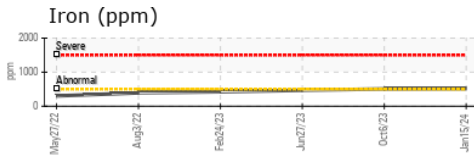
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE
Precipitate	scalar	Visual*	NONE	NONE	NONE
Silt	scalar	Visual*	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE
Appearance	scalar	Visual*	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML
Emulsified Water	scalar	Visual*	>.2	NEG	NEG
Free Water	scalar	Visual*		NEG	NEG

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	99.6	98.7	99.8

SAMPLE IMAGES	method	limit/base	current	history1	history2
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GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 732 - Beauce - Hauling - Solid Waste
Sample No. : GFL0061260 **Received** : 18 Jan 2024
Lab Number : 02609740 **Diagnosed** : 18 Jan 2024
Unique Number : 5710826 **Diagnostician** : Kevin Marson
Test Package : MOB 1 (Additional Tests: PQ)

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.

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