



Machine Id
911024
Component
Main Transmission (Auto)
Fluid
PETRO CANADA DuraDrive HD Synthetic 668 (--- 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		GFL0107623	GFL0096352	GFL0088896
Sample Date		Client Info		25 Mar 2024	11 Oct 2023	12 Sep 2023
Machine Age	kms	Client Info		192031	171412	6995
Oil Age	kms	Client Info		0	1200	1200
Filter Age	kms	Client Info		0	0	1200
Oil Changed		Client Info		Not Changd	N/A	Not Changd
Filter Changed		Client Info		Changed	N/A	Changed
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

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

Iron	ppm	ASTM D5185(m)	>220	121	123	146
Chromium	ppm	ASTM D5185(m)	>2	0	<1	<1
Nickel	ppm	ASTM D5185(m)	>5	<1	<1	<1
Titanium	ppm	ASTM D5185(m)		0	0	0
Silver	ppm	ASTM D5185(m)	>5	0	<1	<1
Aluminum	ppm	ASTM D5185(m)	>75	56	53	60
Lead	ppm	ASTM D5185(m)	>95	42	42	50
Copper	ppm	ASTM D5185(m)	>60	30	30	35
Tin	ppm	ASTM D5185(m)	>10	4	4	4
Vanadium	ppm	ASTM D5185(m)		0	0	0
White Metal	scalar	Visual*	NONE	NONE	VLITE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	NONE

CONTAMINATION

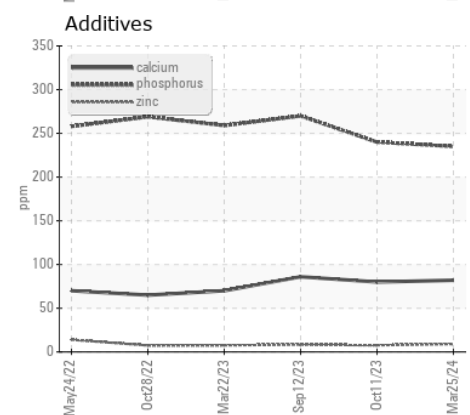
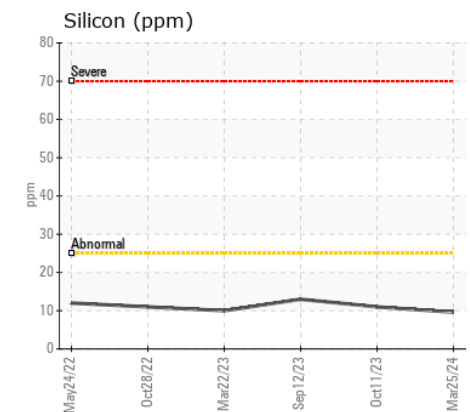
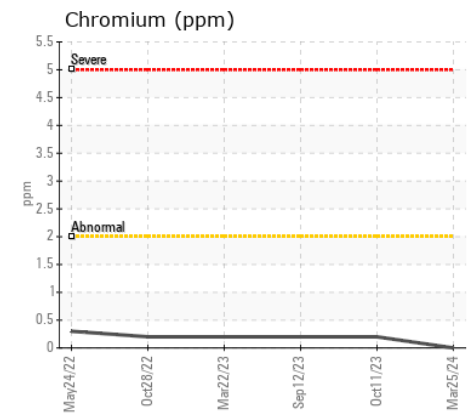
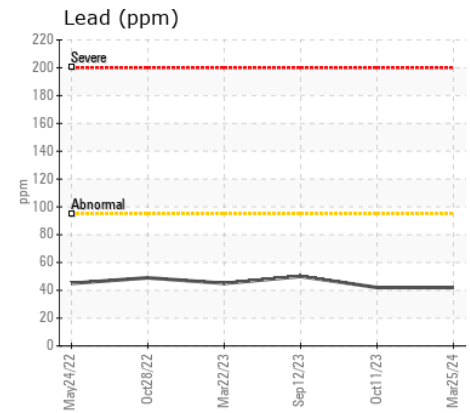
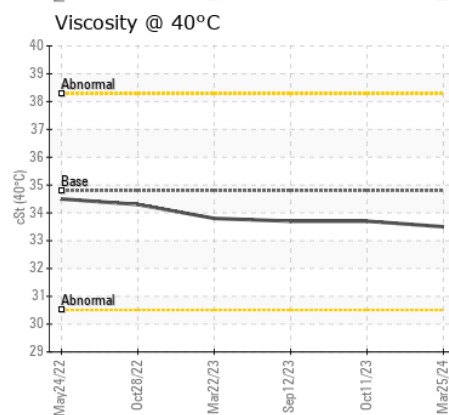
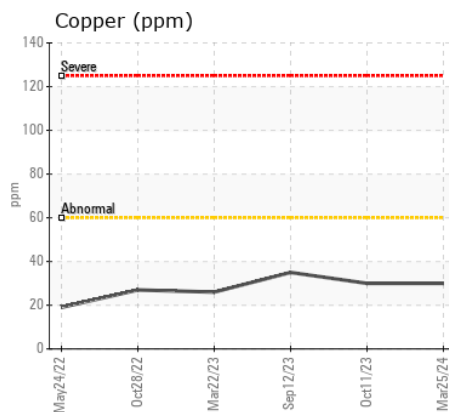
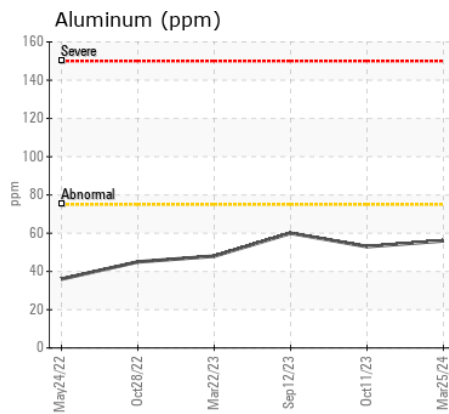
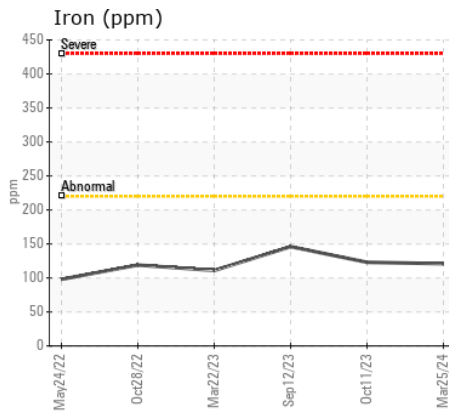
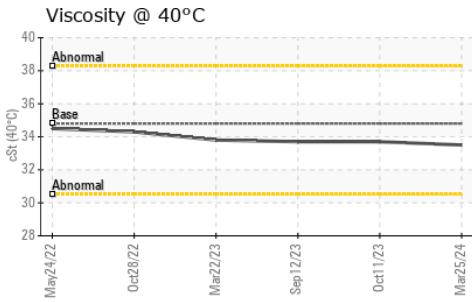
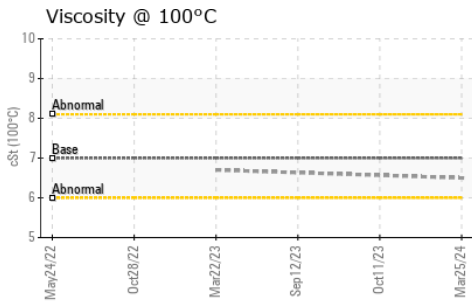
Il n'y a aucun indice de contamination dans le fluide.

Silicon	ppm	ASTM D5185(m)	>25	10	11	13
Potassium	ppm	ASTM D5185(m)	>20	5	4	4
Water		WC Method	>0.1	NEG	NEG	NEG
Soot %	%	ASTM D7844*		0	---	---
Nitration	Abs/cm	ASTM D7624*		5.5	---	---
Sulfation	Abs/.1mm	ASTM D7415*		45.4	---	---
Silt	scalar	Visual*	NONE	NONE	VLITE	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*	>0.1	NEG	NEG	NEG

FLUID CONDITION

L'état de le fluide est acceptable pour la durée de service.

Sodium	ppm	ASTM D5185(m)		8	9	9
Boron	ppm	ASTM D5185(m)	78	65	66	75
Barium	ppm	ASTM D5185(m)		<1	<1	<1
Molybdenum	ppm	ASTM D5185(m)	0	0	<1	<1
Manganese	ppm	ASTM D5185(m)		<1	1	2
Magnesium	ppm	ASTM D5185(m)	0	3	<1	<1
Calcium	ppm	ASTM D5185(m)	113	82	80	86
Phosphorus	ppm	ASTM D5185(m)	222	235	240	270
Zinc	ppm	ASTM D5185(m)		9	8	8
Sulfur	ppm	ASTM D5185(m)	1326	1005	1009	1112
Oxidation	Abs/.1mm	ASTM D7414*		62.1	---	---
Visc @ 40°C	cSt	ASTM D7279(m)	34.8	33.5	33.7	33.7
Visc @ 100°C	cSt	ASTM D7279(m)	7.0	6.5	---	---
Viscosity Index (VI)	Scale	ASTM D2270*	167	151	---	---



ISO 17025:2017
Accredited
Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9

Sample No. : GFL0107623

Lab Number : 02625164

Unique Number : 5750283

Test Package : MOB 1 (Additional Tests: FT-IR, KV100, V1)

Received : 28 Mar 2024

Tested : 28 Mar 2024

Diagnosed : 28 Mar 2024 - Kevin Marson

GFL Environmental - 747 - GMA - Solid Waste

4 Chemin du Tremblay,

Boucherville, QC

CA J4B 6Z5

Contact: Steve Voyer

svoyer@matrec.ca

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.

T:

F: