

Machine Id
711016

Component
Transmission (Auto)

Fluid
PETRO CANADA DURADRIVE HD SYNTHETIC ATF (--- GAL)

RECOMMENDATION

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		GFL0103660	GFL0084410	GFL0047553
Sample Date		Client Info		28 Dec 2023	10 Jul 2023	21 Jan 2023
Machine Age	hrs	Client Info		5328	44939	3535
Oil Age	hrs	Client Info		0	1200	2500
Filter Age	hrs	Client Info		0	1200	1200
Oil Changed		Client Info		Not Changd	Not Changd	N/A
Filter Changed		Client Info		Changed	Changed	N/A
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

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

Iron	ppm	ASTM D5185(m)	>160	72	69	52
Chromium	ppm	ASTM D5185(m)	>5	0	<1	0
Nickel	ppm	ASTM D5185(m)	>5	0	0	<1
Titanium	ppm	ASTM D5185(m)		0	0	0
Silver	ppm	ASTM D5185(m)	>5	0	0	0
Aluminum	ppm	ASTM D5185(m)	>50	28	29	20
Lead	ppm	ASTM D5185(m)	>50	16	21	23
Copper	ppm	ASTM D5185(m)	>225	29	31	29
Tin	ppm	ASTM D5185(m)	>10	3	3	2
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

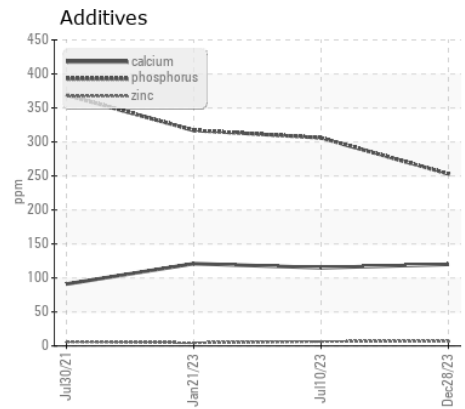
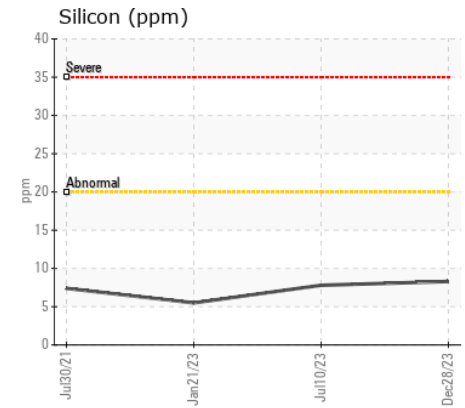
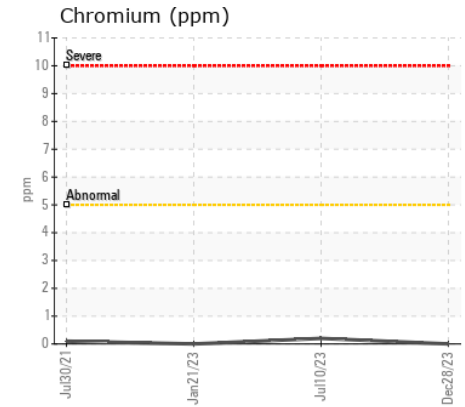
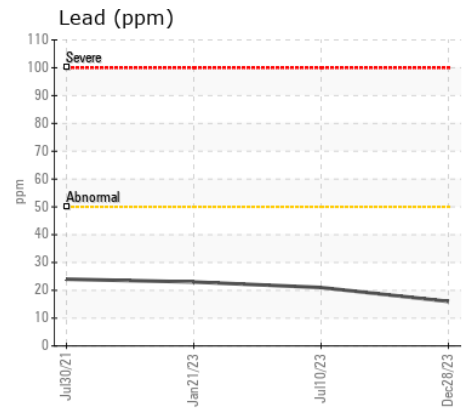
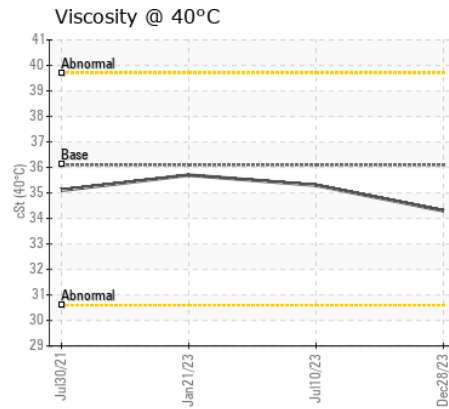
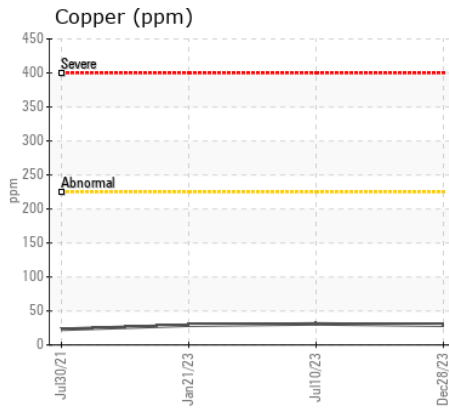
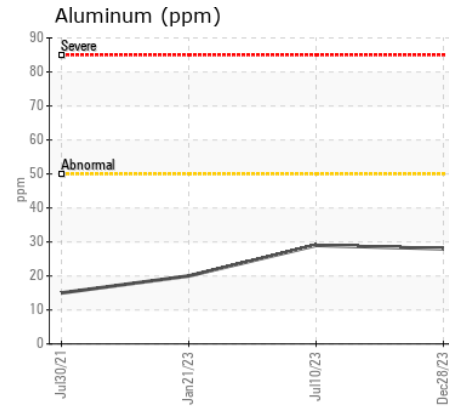
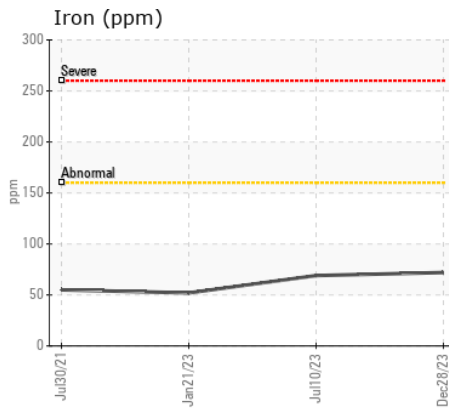
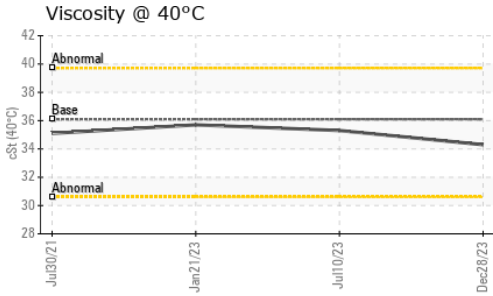
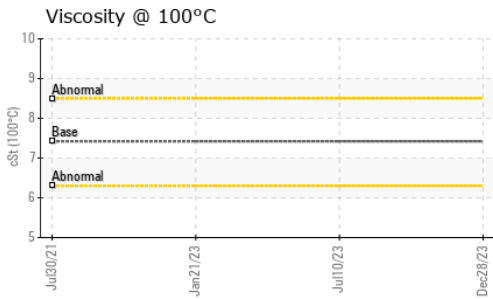
Il n'y a aucun indice de contamination dans le fluide.

Silicon	ppm	ASTM D5185(m)	>20	8	8	6
Potassium	ppm	ASTM D5185(m)	>20	1	1	5
Water		WC Method	>0.1	NEG	NEG	NEG
Soot %	%	ASTM D7844*		0	---	---
Nitration	Abs/cm	ASTM D7624*		5.5	---	---
Sulfation	Abs/.1mm	ASTM D7415*		37.6	---	---
Silt	scalar	Visual*	NONE	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	VLITE	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)		4	5	9
Boron	ppm	ASTM D5185(m)		71	81	88
Barium	ppm	ASTM D5185(m)		0	<1	0
Molybdenum	ppm	ASTM D5185(m)		0	<1	<1
Manganese	ppm	ASTM D5185(m)		<1	<1	<1
Magnesium	ppm	ASTM D5185(m)		2	2	1
Calcium	ppm	ASTM D5185(m)		120	115	121
Phosphorus	ppm	ASTM D5185(m)		253	306	317
Zinc	ppm	ASTM D5185(m)		7	6	5
Sulfur	ppm	ASTM D5185(m)		2019	2146	2445
Oxidation	Abs/.1mm	ASTM D7414*		51.0	---	---
Visc @ 40°C	cSt	ASTM D7279(m)	36.1	34.3	35.3	35.7
Visc @ 100°C	cSt	ASTM D7279(m)	7.42	6.8	---	---
Viscosity Index (VI)	Scale	ASTM D2270*	178	161	---	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 780 - GMA - ICI - Solid Waste
Sample No. : GFL0103660 **Received** : 05 Jan 2024 4365 boul. St-Elzear Ouest,
Lab Number : 02606763 **Diagnosed** : 05 Jan 2024 Laval, QC
Unique Number : 5707849 **Diagnostician** : Wes Davis CA H7P 4J3
Test Package : MOB 1 (Additional Tests: FT-IR, KV100, VI) Contact: Pieces Laval
 pieces.laval@gflenv.com

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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