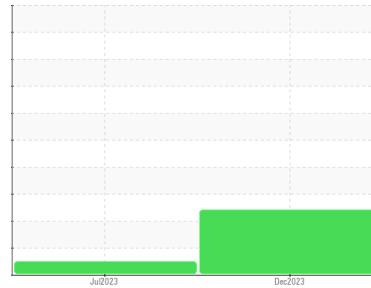




OIL ANALYSIS REPORT

Sample Rating Trend



VISCOSITY



Machine Id
426132

Component
Transmission (Auto)

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

DIAGNOSIS

▲ Recommendation

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

Wear

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

Contamination

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

▲ Fluid Condition

La viscosité de l'échantillon se situe dans la portée de l'SAE 30; nous vous conseillons de vérifier. L'état de le fluide est acceptable pour la durée de service.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		GFL0103668	GFL0084411	---
Sample Date	Client Info		14 Dec 2023	09 Jul 2023	---
Machine Age	hrs	Client Info	310528	0	---
Oil Age	hrs	Client Info	0	0	---
Oil Changed	Client Info		Not Chngd	Not Chngd	---
Sample Status			ABNORMAL	NORMAL	---

CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>0.1	NEG	NEG	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m) >160	19	146	---
Chromium	ppm	ASTM D5185(m) >5	2	<1	---
Nickel	ppm	ASTM D5185(m) >5	<1	<1	---
Titanium	ppm	ASTM D5185(m)	0	0	---
Silver	ppm	ASTM D5185(m) >5	0	0	---
Aluminum	ppm	ASTM D5185(m) >50	2	36	---
Lead	ppm	ASTM D5185(m) >50	<1	23	---
Copper	ppm	ASTM D5185(m) >225	<1	56	---
Tin	ppm	ASTM D5185(m) >10	0	4	---
Antimony	ppm	ASTM D5185(m)	0	0	---
Vanadium	ppm	ASTM D5185(m)	0	0	---
Beryllium	ppm	ASTM D5185(m)	0	0	---
Cadmium	ppm	ASTM D5185(m)	0	0	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	▲ 19	105	---
Barium	ppm	ASTM D5185(m)	0	0	---
Molybdenum	ppm	ASTM D5185(m)	2	0	---
Manganese	ppm	ASTM D5185(m)	0	1	---
Magnesium	ppm	ASTM D5185(m)	15	1	---
Calcium	ppm	ASTM D5185(m)	▲ 2043	44	---
Phosphorus	ppm	ASTM D5185(m)	▲ 744	302	---
Zinc	ppm	ASTM D5185(m)	▲ 802	8	---
Sulfur	ppm	ASTM D5185(m)	▲ 4269	378	---
Lithium	ppm	ASTM D5185(m)	<1	<1	---

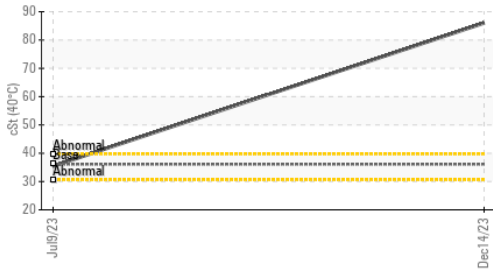
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m) >20	7	7	---
Sodium	ppm	ASTM D5185(m)	4	11	---
Potassium	ppm	ASTM D5185(m) >20	2	1	---

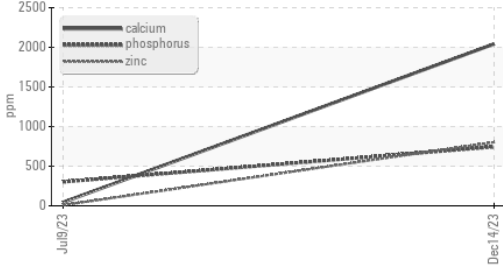


OIL ANALYSIS REPORT

▲ Viscosity @ 40°C



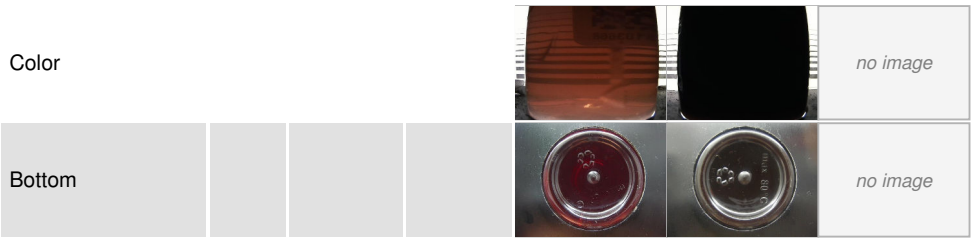
Additives



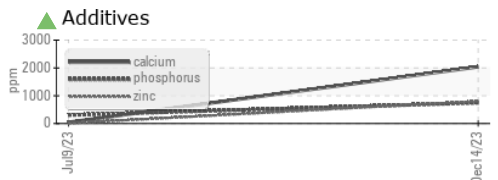
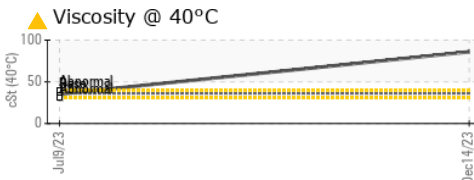
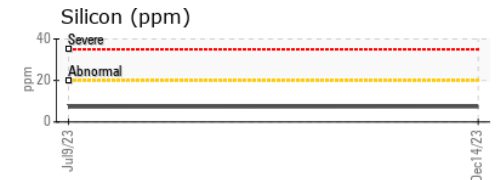
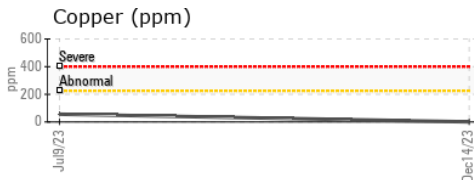
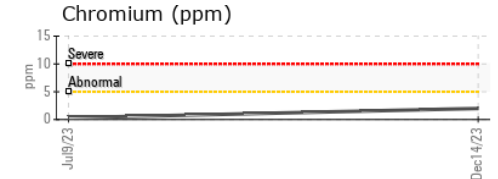
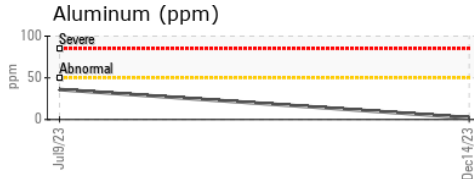
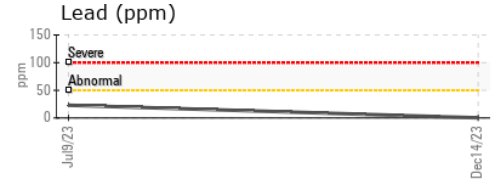
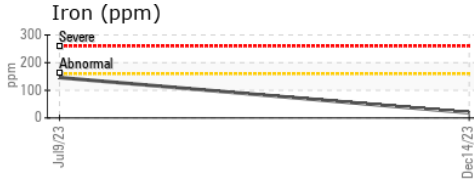
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	---
Precipitate	scalar	Visual*	NONE	NONE	---
Silt	scalar	Visual*	NONE	NONE	---
Debris	scalar	Visual*	NONE	NONE	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---
Appearance	scalar	Visual*	NORML	NORML	---
Odor	scalar	Visual*	NORML	NORML	---
Emulsified Water	scalar	Visual*	>0.1	NEG	---
Free Water	scalar	Visual*		NEG	---

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	36.1 ▲ 86.0	35.4	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
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GRAPHS



ISO 17025:2017
Accredited
Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 780 - GMA - ICI - Solid Waste
Sample No. : GFL0103668 **Received** : 20 Dec 2023 4365 boul. St-Elzear Ouest,
Lab Number : 02604471 **Diagnosed** : 20 Dec 2023 Laval, QC
Unique Number : 5697556 **Diagnostician** : Kevin Marson CA H7P 4J3
Test Package : MOB 1 Contact: Pieces Laval
pieces.laval@gflenv.com
T: (450)687-3838
F:

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.