



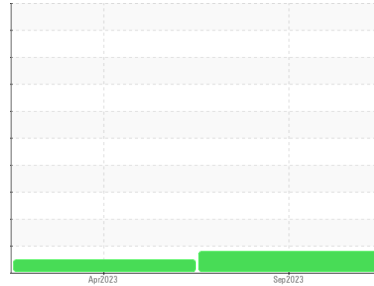
OIL ANALYSIS REPORT

Sample Rating Trend

WEAR



Machine Id
7238
 Component
Transmission (Auto)
 Fluid
PETRO CANADA DURADRIVE HD SYNTHETIC ATF (--- GAL)



DIAGNOSIS

Recommendation

Nous vous recommandons de vidanger le fluide de ce composant si vous ne l'avez pas déjà fait. Confirm the source of the lubricant being utilized for top-up/fill. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation.

Wear

Usure de palier.

Contamination

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

Fluid Condition

Les niveaux d'additifs indiquent l'ajout d'une autre marque ou d'un autre type d'huile. le fluide n'est plus en état de service en raison d'une usure anormale et/ou sévère.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		GFL0088885	GFL0073381	---
Sample Date	Client Info		25 Sep 2023	10 Apr 2023	---
Machine Age	hrs	Client Info	14427	13621	---
Oil Age	hrs	Client Info	1200	1200	---
Oil Changed	Client Info		Not Chngd	Not Chngd	---
Sample Status			ABNORMAL	NORMAL	---

WEAR METALS

	method	limit/base	current	history1	history2	
Iron	ppm	ASTM D5185(m)	>300	115	97	---
Chromium	ppm	ASTM D5185(m)	>2	0	0	---
Nickel	ppm	ASTM D5185(m)	>4	<1	0	---
Titanium	ppm	ASTM D5185(m)	>3	0	<1	---
Silver	ppm	ASTM D5185(m)	>5	<1	0	---
Aluminum	ppm	ASTM D5185(m)	>70	61	53	---
Lead	ppm	ASTM D5185(m)	>85	60	61	---
Copper	ppm	ASTM D5185(m)	>90	22	16	---
Tin	ppm	ASTM D5185(m)	>10	▲ 11	10	---
Antimony	ppm	ASTM D5185(m)	>5	0	<1	---
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)		85	87	---
Barium	ppm	ASTM D5185(m)		<1	0	---
Molybdenum	ppm	ASTM D5185(m)		0	0	---
Manganese	ppm	ASTM D5185(m)		<1	1	---
Magnesium	ppm	ASTM D5185(m)		<1	1	---
Calcium	ppm	ASTM D5185(m)		56	58	---
Phosphorus	ppm	ASTM D5185(m)		246	271	---
Zinc	ppm	ASTM D5185(m)		7	6	---
Sulfur	ppm	ASTM D5185(m)		538	466	---
Lithium	ppm	ASTM D5185(m)		<1	<1	---

CONTAMINANTS

	method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185(m)	>20	12	14	---
Sodium	ppm	ASTM D5185(m)		98	102	---
Potassium	ppm	ASTM D5185(m)	>20	2	2	---
Glycol	%	ASTM D7922*		0.0	0.0	---

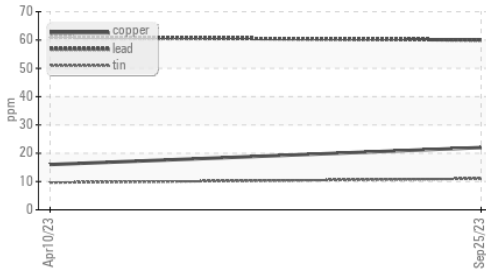
VISUAL

	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	LIGHT	---
Appearance	scalar	Visual*	NORML	NORML	NORML	---
Odor	scalar	Visual*	NORML	NORML	NORML	---
Emulsified Water	scalar	Visual*	>0.1	NEG	NEG	---
Free Water	scalar	Visual*		NEG	NEG	---

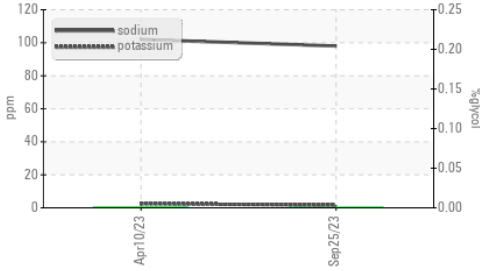


OIL ANALYSIS REPORT

Non-ferrous Metals



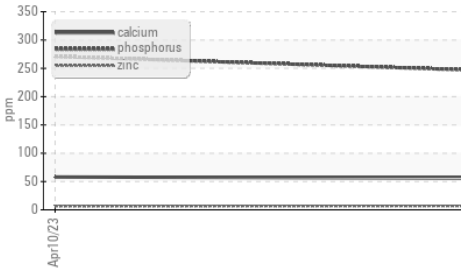
Glycol Contamination



Viscosity @ 40°C



Additives



FLUID PROPERTIES

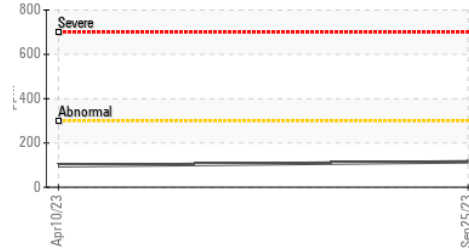
method	limit/base	current	history1	history2
Visc @ 40°C	cSt ASTM D7279(m)	36.1	36.2	---

SAMPLE IMAGES

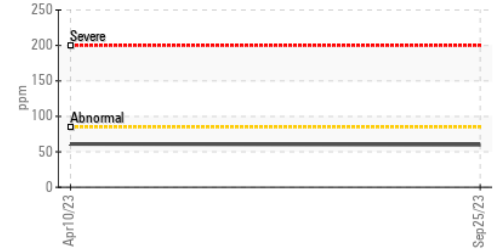
method	limit/base	current	history1	history2
Color				no image
Bottom				no image

GRAPHS

Iron (ppm)



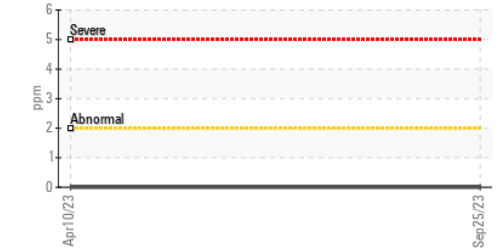
Lead (ppm)



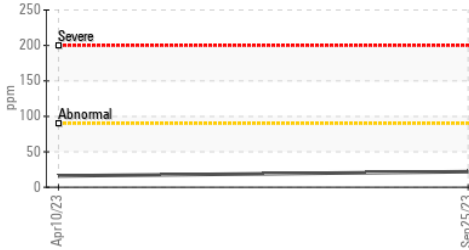
Aluminum (ppm)



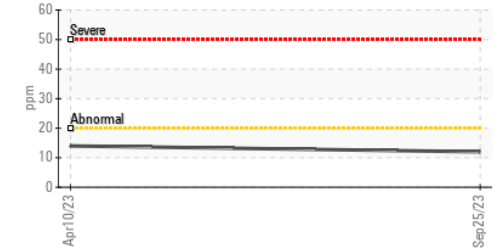
Chromium (ppm)



Copper (ppm)



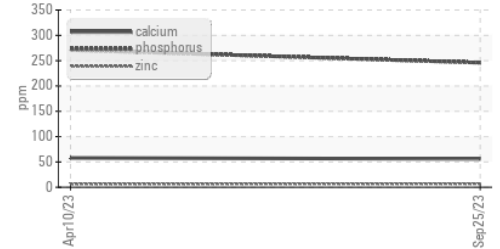
Silicon (ppm)



Viscosity @ 40°C



Additives



ISO 17025:2017
Accredited
Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 780 - GMA - ICI - Solid Waste
Sample No. : GFL0088885 **Received** : 12 Oct 2023 4365 boul. St-Elzear Ouest, Laval, QC
Lab Number : 02588678 **Diagnosed** : 16 Oct 2023 CA H7P 4J3
Unique Number : 5657744 **Diagnostician** : Kevin Marson
Test Package : MOB 1 (Additional Tests: Glycol)

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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