OIL ANALYSIS REPORT

WEAR CHECK

Sample Rating Trend

Oct2023

Machine Id
732018
Component
Transmission (Auto)
Fluid
PETRO CANADA DuraDrive HD Synthetic 668 (--- GAL)

DIAGNOSIS

Recommendation
Resample at the next service interval to monitor.

Wear
All component wear rates are normal.

Contamination
There is no indication of any contamination in the fluid.

Fluid Condition
The condition of the fluid is acceptable for the time in service.

SAMPLE INFORMATION	method	limit/base	current	history1	history2
Sample Number		Client Info	GFL0084642	---	---
Sample Date		Client Info	24 Oct 2023	---	---
Machine Age	mls	Client Info	55737	---	---
Oil Age	mls	Client Info	0	---	---
Oil Changed		Client Info	Changed	---	---
Sample Status			NORMAL	---	---

WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>160	18	---	---
Chromium	ppm	ASTM D5185m	>5	<1	---	---
Nickel	ppm	ASTM D5185m	>5	<1	---	---
Titanium	ppm	ASTM D5185m		0	---	---
Silver	ppm	ASTM D5185m	>5	0	---	---
Aluminum	ppm	ASTM D5185m	>50	5	---	---
Lead	ppm	ASTM D5185m	>50	1	---	---
Copper	ppm	ASTM D5185m	>225	15	---	---
Tin	ppm	ASTM D5185m	>10	2	---	---
Vanadium	ppm	ASTM D5185m		0	---	---
Cadmium	ppm	ASTM D5185m		0	---	---

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		50	---	---
Barium	ppm	ASTM D5185m		19	---	---
Molybdenum	ppm	ASTM D5185m		<1	---	---
Manganese	ppm	ASTM D5185m		<1	---	---
Magnesium	ppm	ASTM D5185m		14	---	---
Calcium	ppm	ASTM D5185m		84	---	---
Phosphorus	ppm	ASTM D5185m		266	---	---
Zinc	ppm	ASTM D5185m		143	---	---
Sulfur	ppm	ASTM D5185m		1766	---	---

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>20	4	---	---
Sodium	ppm	ASTM D5185m		5	---	---
Potassium	ppm	ASTM D5185m	>20	0	---	---

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 D445	34	34.4	---	---

Report Id: GFL856 [WUSCAR] 05993901 (Generated: 11/01/2023 11:02:42) Rev: 1   Contact/Location: Apolinar Zacarias - GFL856

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Viscosity @ 40°C
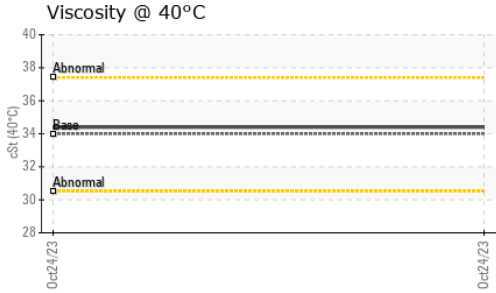
SAMPLE IMAGES

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

GRAPHS

Ferrous Alloys

iron
chromium
nickel

Non-ferrous Metals

copper
lead
tin

Viscosity @ 40°C
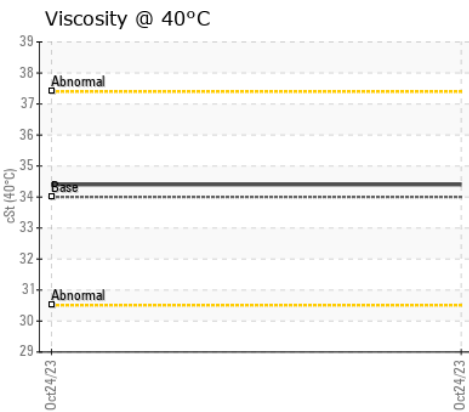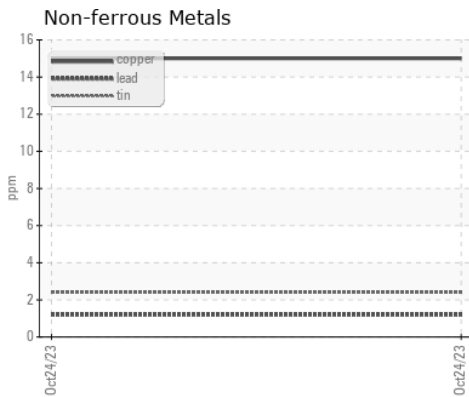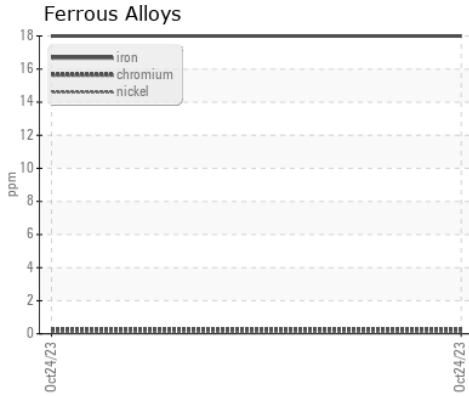
Laboratory	: WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No.	: GFL0084642
Lab Number	: 05993901
Unique Number	: 10722261
Test Package	: FLEET

Received	: 30 Oct 2023
Diagnosed	: 01 Nov 2023
Diagnostician	: Sean Felton

GFL Environmental - 856 - Houston South
8515 Highway 6 South
Houston, TX
US 77083
Contact: Apolinar Zacarias
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T:
F:

To discuss this sample report, contact Customer Service at 1-800-237-1369.
* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.
Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)