



PROBLEM SUMMARY

Sample Rating Trend

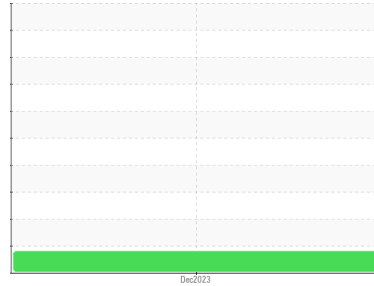
WEAR



Machine Id
827017-1028

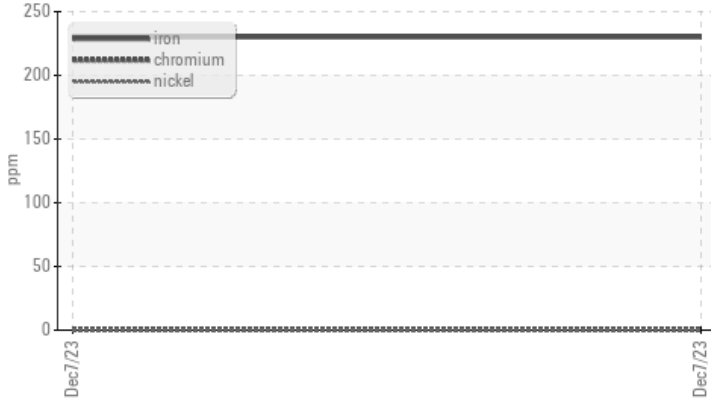
Component
Transmission (Auto)

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



COMPONENT CONDITION SUMMARY

▲ Ferrous Alloys



RECOMMENDATION

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS

Sample Status				ABNORMAL	---	---
Iron	ppm	ASTM D5185m	>160	▲ 230	---	---

Customer Id: GFL650
Sample No.: GFL0077779
Lab Number: 06028961
Test Package: FLEET



To manage this report scan the QR code

To discuss the diagnosis or test data:
Don Baldrige +1
don.b505@comcast.net

To change component or sample information:
Customer Service +1 1-800-237-1369
customerservice@wearcheck.com

RECOMMENDED ACTIONS

Action	Status	Date	Done By	Description
Change Fluid	---	---	?	Oil and filter change at the time of sampling has been noted.
Change Filter	---	---	?	Oil and filter change at the time of sampling has been noted.

HISTORICAL DIAGNOSIS



OIL ANALYSIS REPORT

Sample Rating Trend

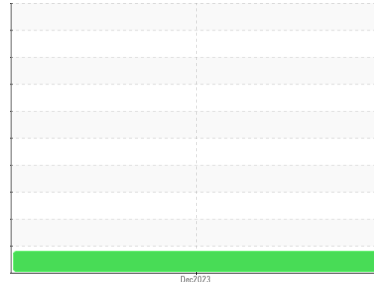
WEAR



Machine Id
827017-1028

Component
Transmission (Auto)

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



DIAGNOSIS

Recommendation

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor.

Wear

The iron level is abnormal. All other 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	GFL0077779	---	---
Sample Date	Client Info	07 Dec 2023	---	---
Machine Age	mls	Client Info	218570	---
Oil Age	mls	Client Info	0	---
Oil Changed	Client Info	Changed	---	---
Sample Status		ABNORMAL	---	---

CONTAMINATION

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

WEAR METALS

method	limit/base	current	history1	history2	
Iron	ppm	ASTM D5185m	>160	▲ 230	---
Chromium	ppm	ASTM D5185m	>5	<1	---
Nickel	ppm	ASTM D5185m	>5	0	---
Titanium	ppm	ASTM D5185m		0	---
Silver	ppm	ASTM D5185m	>5	0	---
Aluminum	ppm	ASTM D5185m	>50	37	---
Lead	ppm	ASTM D5185m	>50	16	---
Copper	ppm	ASTM D5185m	>225	28	---
Tin	ppm	ASTM D5185m	>10	2	---
Vanadium	ppm	ASTM D5185m		<1	---
Cadmium	ppm	ASTM D5185m		0	---

ADDITIVES

method	limit/base	current	history1	history2	
Boron	ppm	ASTM D5185m		65	---
Barium	ppm	ASTM D5185m		0	---
Molybdenum	ppm	ASTM D5185m		0	---
Manganese	ppm	ASTM D5185m		2	---
Magnesium	ppm	ASTM D5185m		0	---
Calcium	ppm	ASTM D5185m		100	---
Phosphorus	ppm	ASTM D5185m		239	---
Zinc	ppm	ASTM D5185m		13	---
Sulfur	ppm	ASTM D5185m		1175	---

CONTAMINANTS

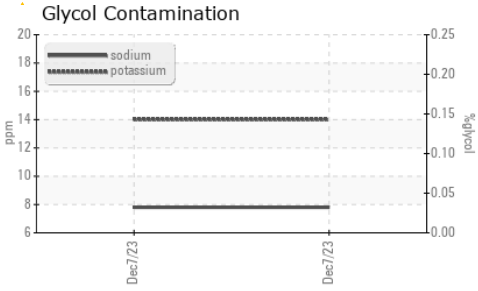
method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185m	>20	13	---
Sodium	ppm	ASTM D5185m		8	---
Potassium	ppm	ASTM D5185m	>20	14	---

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	LIGHT	---
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	---



OIL ANALYSIS REPORT

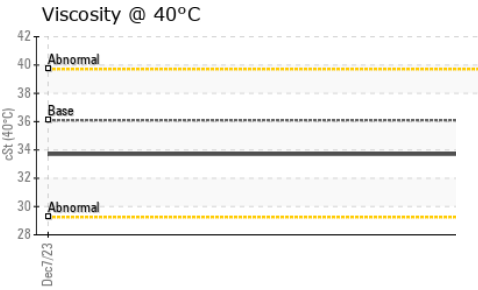


FLUID PROPERTIES

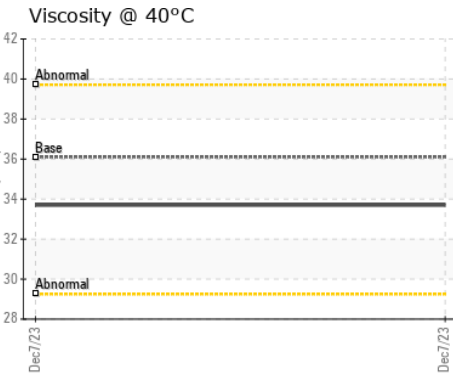
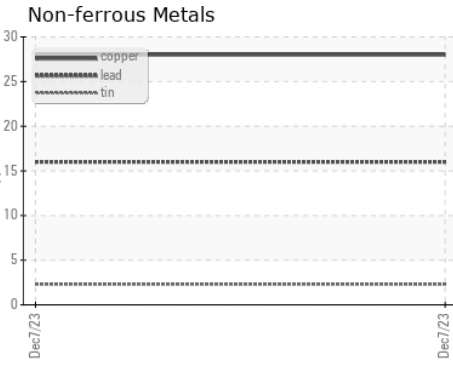
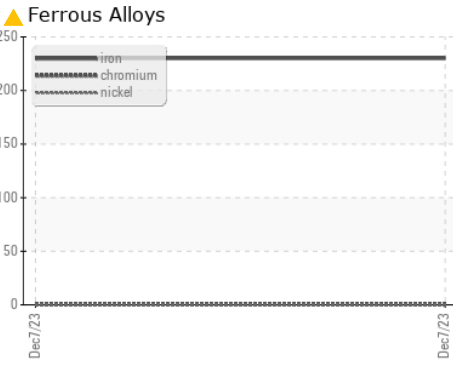
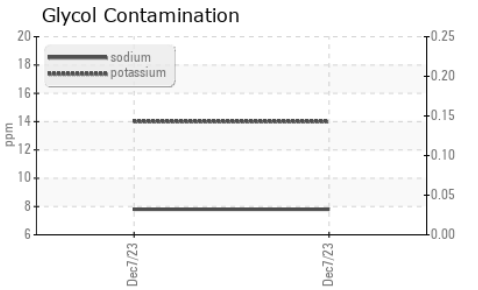
method	limit/base	current	history1	history2
Visc @ 40°C	cSt ASTM D445	36.1	33.7	---

SAMPLE IMAGES

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



GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : GFL0077779 **Received** : 07 Dec 2023
Lab Number : **06028961** **Diagnosed** : 11 Dec 2023
Unique Number : 10778752 **Diagnostician** : Don Baldrige
Test Package : FLEET (Additional Tests: Glycol)

GFL Environmental - 650 - West Point Hauling
 7825 Parham Landing Road
 West Point, VA
 US 23181
 Contact: Jason Smith
 jasonsmith@gflenv.com

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)

T:
F: