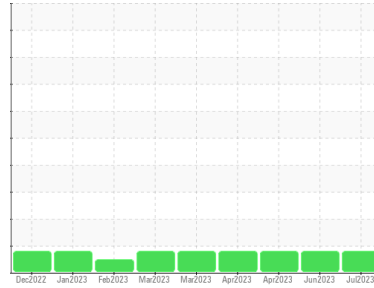




PROBLEM SUMMARY

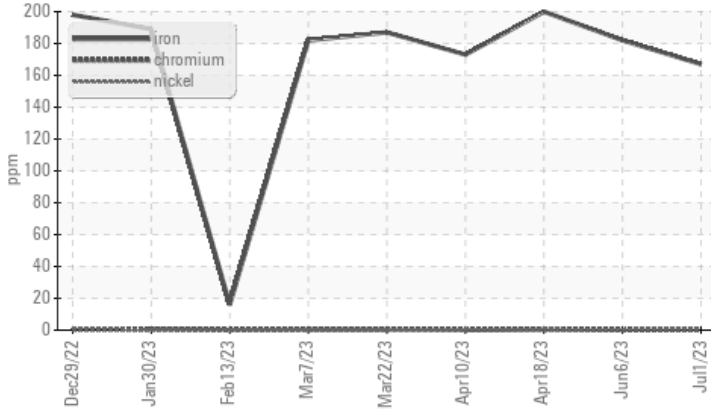
Sample Rating Trend



Machine Id
729003
 Component
Transmission (Auto)
 Fluid
PETRO CANADA DuraDrive HD Synthetic 668 (--- GAL)

COMPONENT CONDITION SUMMARY

▲ Ferrous Alloys



RECOMMENDATION

No corrective action is recommended at this time.
 Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS

Sample Status	ABNORMAL	ABNORMAL	ABNORMAL
Iron	ppm	ASTM D5185m	>160
	▲ 167	▲ 182	▲ 200

Customer Id: GFL010
 Sample No.: GFL0086096
 Lab Number: 05894102
 Test Package: FLEET



To manage this report scan the QR code

To discuss the diagnosis or test data:
 Sean Felton +1 919-379-4092
sfelton@wearcheckusa.com

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

RECOMMENDED ACTIONS

There are no recommended actions for this sample.

HISTORICAL DIAGNOSIS

06 Jun 2023 Diag: Sean Felton

WEAR



No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

view report



18 Apr 2023 Diag: Don Baldrige

WEAR



No corrective action is recommended at this time. The fluid change at the time of sampling has been noted. Resample at the next service interval to monitor. Gear wear is indicated. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

view report



10 Apr 2023 Diag: Jonathan Hester

WEAR



No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

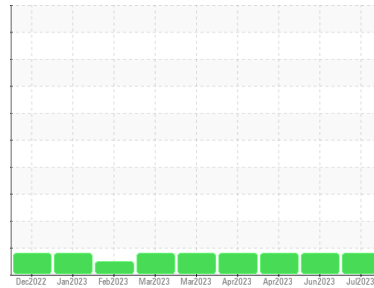
view report





OIL ANALYSIS REPORT

Sample Rating Trend



WEAR



Machine Id
729003

Component
Transmission (Auto)

Fluid
PETRO CANADA DuraDrive HD Synthetic 668 (--- GAL)

DIAGNOSIS

▲ Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor.

▲ Wear

Gear wear is indicated.

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	history 1	history 2
Sample Number	Client Info		GFL0086096	GFL0082905	GFL0080877
Sample Date	Client Info		01 Jul 2023	06 Jun 2023	18 Apr 2023
Machine Age	hrs	Client Info	10691	10566	10418
Oil Age	hrs	Client Info	1407	10566	1122
Oil Changed	Client Info		Not Chngd	Not Chngd	Changed
Sample Status			ABNORMAL	ABNORMAL	ABNORMAL

WEAR METALS

	method	limit/base	current	history 1	history 2
Iron	ppm	ASTM D5185m >160	▲ 167	▲ 182	▲ 200
Chromium	ppm	ASTM D5185m >5	<1	0	<1
Nickel	ppm	ASTM D5185m >5	<1	<1	<1
Titanium	ppm	ASTM D5185m	0	<1	0
Silver	ppm	ASTM D5185m >5	<1	0	0
Aluminum	ppm	ASTM D5185m >50	36	47	52
Lead	ppm	ASTM D5185m >50	9	10	10
Copper	ppm	ASTM D5185m >225	31	36	35
Tin	ppm	ASTM D5185m >10	3	3	3
Vanadium	ppm	ASTM D5185m	0	0	0
Cadmium	ppm	ASTM D5185m	0	0	0

ADDITIVES

	method	limit/base	current	history 1	history 2
Boron	ppm	ASTM D5185m	92	86	94
Barium	ppm	ASTM D5185m	<1	0	0
Molybdenum	ppm	ASTM D5185m	<1	<1	<1
Manganese	ppm	ASTM D5185m	2	3	3
Magnesium	ppm	ASTM D5185m	<1	1	1
Calcium	ppm	ASTM D5185m	92	93	83
Phosphorus	ppm	ASTM D5185m	247	251	249
Zinc	ppm	ASTM D5185m	9	11	12
Sulfur	ppm	ASTM D5185m	1377	1387	1217

CONTAMINANTS

	method	limit/base	current	history 1	history 2
Silicon	ppm	ASTM D5185m >20	13	13	13
Sodium	ppm	ASTM D5185m	2	4	6
Potassium	ppm	ASTM D5185m >20	4	5	4

VISUAL

	method	limit/base	current	history 1	history 2
White Metal	scalar	*Visual NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual NONE	NONE	NONE	NONE
Silt	scalar	*Visual NONE	NONE	NONE	NONE
Debris	scalar	*Visual NONE	NONE	NONE	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
Free Water	scalar	*Visual	NEG	NEG	NEG

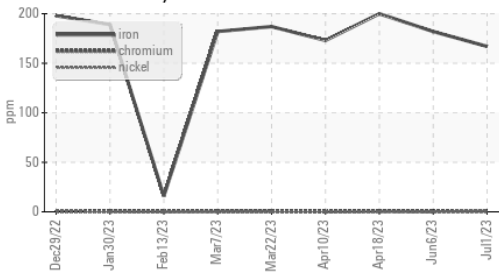
FLUID PROPERTIES

	method	limit/base	current	history 1	history 2
Visc @ 40°C	cSt	ASTM D445 34	33.5	33.5	33.5



OIL ANALYSIS REPORT

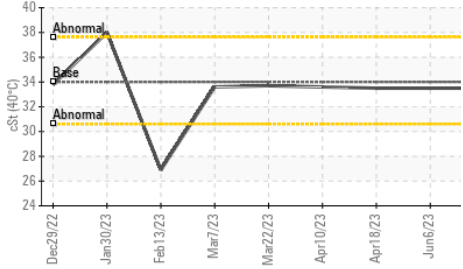
▲ Ferrous Alloys



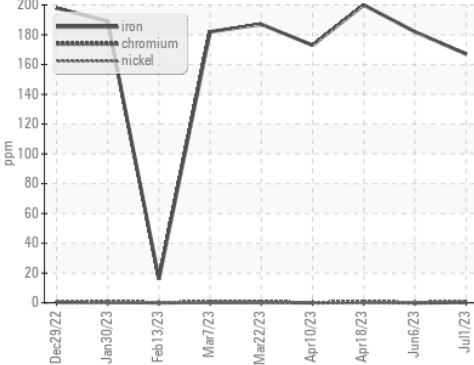
SAMPLE IMAGES	method	limit/base	current	history 1	history 2
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Bottom			no image	no image	no image

GRAPHS

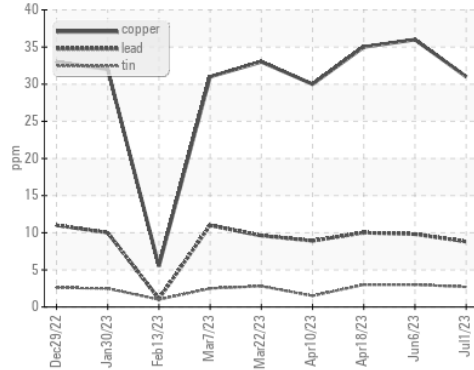
Viscosity @ 40°C



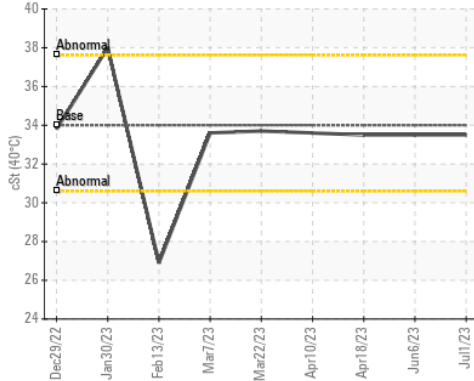
▲ Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : GFL0086096
Lab Number : 05894102
Unique Number : 10549912
Test Package : FLEET

GFL Environmental - 010 - Stockbridge
 1280 Rum Creek Parkway
 Stockbridge, GA
 US 30281
 Contact: TECHNICIAN ACCOUNT
 wcgfldemo@gmail.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: