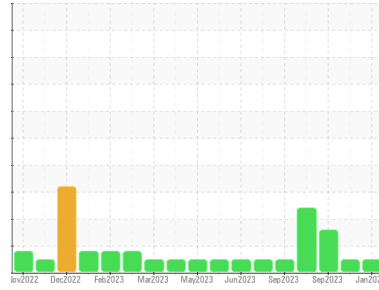




OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id
810043

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 oil.

Fluid Condition

The condition of the oil is acceptable for the time in service.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	GFL0109896	GFL0101188	GFL0094314
Sample Date	Client Info	12 Jan 2024	17 Nov 2023	19 Sep 2023
Machine Age	hrs	9500	9047	8897
Oil Age	hrs	417	1822	561
Oil Changed	Client Info	Not Chngd	Not Chngd	Not Chngd
Sample Status		NORMAL	NORMAL	ABNORMAL

CONTAMINATION

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

WEAR METALS

method	limit/base	current	history1	history2
Iron	ppm ASTM D5185m >230	46	20	134
Chromium	ppm ASTM D5185m >2	<1	0	<1
Nickel	ppm ASTM D5185m >5	0	0	1
Titanium	ppm ASTM D5185m >2	0	0	0
Silver	ppm ASTM D5185m >5	0	0	0
Aluminum	ppm ASTM D5185m >65	21	12	▲ 74
Lead	ppm ASTM D5185m >55	10	1	33
Copper	ppm ASTM D5185m >85	18	22	44
Tin	ppm ASTM D5185m >5	3	<1	▲ 9
Vanadium	ppm ASTM D5185m	0	<1	0
Cadmium	ppm ASTM D5185m	0	0	0

ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185m	78	77	71
Barium	ppm ASTM D5185m	3	0	2
Molybdenum	ppm ASTM D5185m	0	6	0
Manganese	ppm ASTM D5185m	0	<1	2
Magnesium	ppm ASTM D5185m	<1	51	4
Calcium	ppm ASTM D5185m	110	179	76
Phosphorus	ppm ASTM D5185m	254	251	237
Zinc	ppm ASTM D5185m	0	82	11
Sulfur	ppm ASTM D5185m	1556	1666	940

CONTAMINANTS

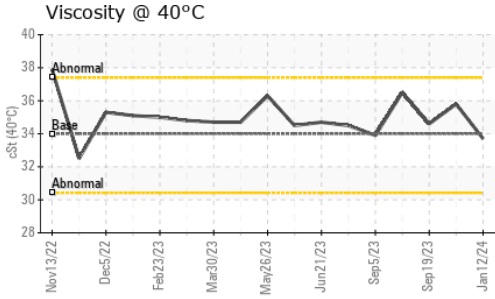
method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185m >20	4	6	9
Sodium	ppm ASTM D5185m	0	30	8
Potassium	ppm ASTM D5185m >20	3	4	5

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	NONE
Appearance	scalar *Visual	NORML	NORML	NORML
Odor	scalar *Visual	NORML	NORML	NORML
Emulsified Water	scalar *Visual	NEG	NEG	NEG
Free Water	scalar *Visual	NEG	NEG	NEG



OIL ANALYSIS REPORT

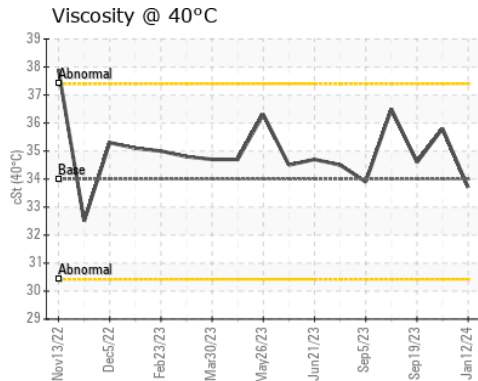
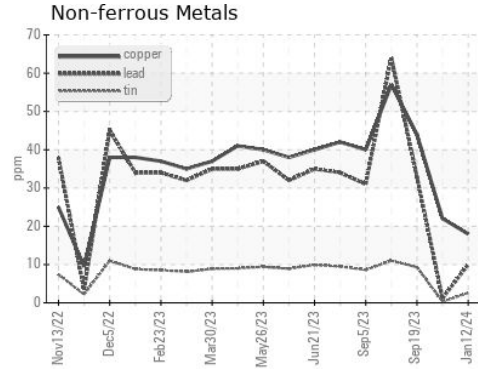
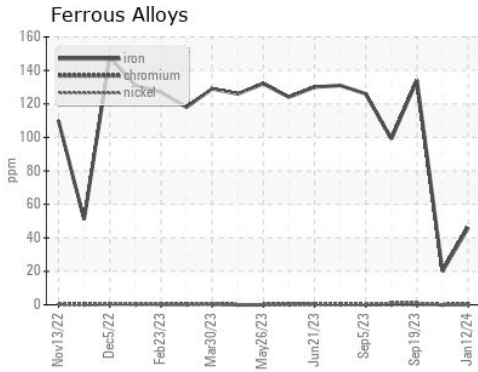


FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	34	33.7	35.8	34.6

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

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : GFL0109896 **Received** : 18 Jan 2024
Lab Number : 06064632 **Diagnosed** : 21 Jan 2024
Unique Number : 10836014 **Diagnostician** : Don Baldrige
Test Package : FLEET

GFL Environmental - 010 - Stockbridge
 1280 Rum Creek Parkway
 Stockbridge, GA
 US 30281
 Contact: JOSHUA TINKER
 joshuatinker@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: