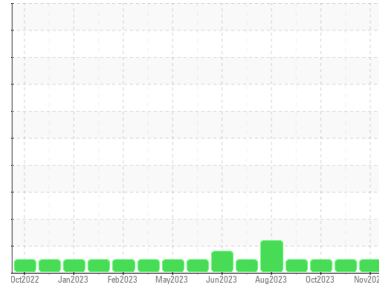




OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id
10809

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	GFL0101180	GFL0097954	GFL0097894
Sample Date	Client Info	10 Nov 2023	23 Oct 2023	10 Oct 2023
Machine Age	hrs	19250	19097	18914
Oil Age	hrs	1150	2060	1877
Oil Changed	Client Info	Changed	Not Changd	Not Changd
Sample Status		NORMAL	NORMAL	NORMAL

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 >160	7	4	5
Chromium	ppm ASTM D5185m >5	0	0	0
Nickel	ppm ASTM D5185m >5	0	0	0
Titanium	ppm ASTM D5185m	<1	0	0
Silver	ppm ASTM D5185m >5	0	0	0
Aluminum	ppm ASTM D5185m >50	1	2	0
Lead	ppm ASTM D5185m >50	<1	<1	1
Copper	ppm ASTM D5185m >225	8	6	5
Tin	ppm ASTM D5185m >10	0	0	<1
Vanadium	ppm ASTM D5185m	0	0	0
Cadmium	ppm ASTM D5185m	0	0	0

ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185m	53	46	44
Barium	ppm ASTM D5185m	0	0	1
Molybdenum	ppm ASTM D5185m	1	<1	1
Manganese	ppm ASTM D5185m	0	0	0
Magnesium	ppm ASTM D5185m	4	2	4
Calcium	ppm ASTM D5185m	127	115	111
Phosphorus	ppm ASTM D5185m	244	244	234
Zinc	ppm ASTM D5185m	126	133	128
Sulfur	ppm ASTM D5185m	1426	1402	1493

CONTAMINANTS

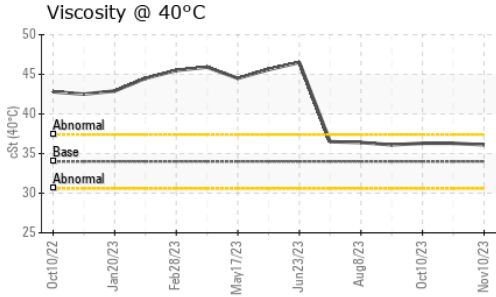
method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185m >20	2	2	3
Sodium	ppm ASTM D5185m	0	2	0
Potassium	ppm ASTM D5185m >20	2	<1	2

VISUAL

method	limit/base	current	history1	history2
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



OIL ANALYSIS REPORT

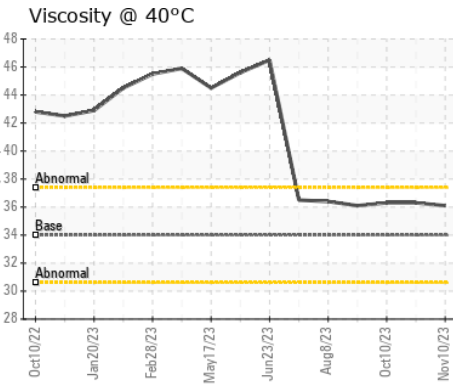
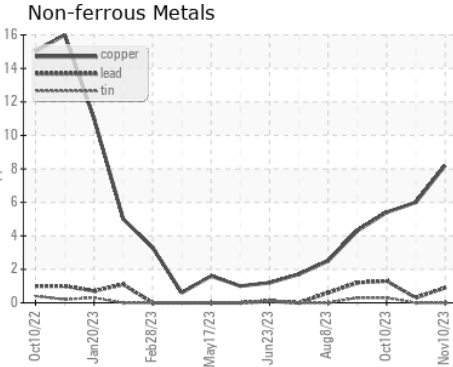
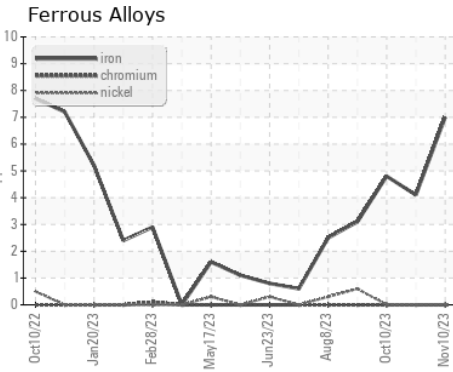


FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	34	36.1	36.3	36.3

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. : GFL0101180 **Received** : 20 Nov 2023
Lab Number : **06012860** **Diagnosed** : 22 Nov 2023
Unique Number : 10752004 **Diagnostician** : Jonathan Hester
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: