



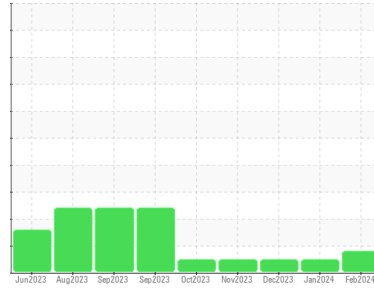
OIL ANALYSIS REPORT

Sample Rating Trend

SEDIMENT



Area
(C0804129) {UNASSIGNED}
Machine Id
834023
Component
Transmission (Auto)
Fluid
PETRO CANADA DuraDrive HD Synthetic 668 (8 GAL)



DIAGNOSIS

Recommendation

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

Wear

Metal levels are typical for a new component breaking in.

Contamination

There is a moderate amount of visible silt present in the sample.

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		GFL0112327	GFL0107223	GFL0101248
Sample Date	Client Info		14 Feb 2024	08 Jan 2024	01 Dec 2023
Machine Age	hrs	Client Info	1629	1339	1005
Oil Age	hrs	Client Info	1629	1339	1005
Oil Changed	Client Info		Not Chngd	Not Chngd	Not Chngd
Sample Status			ABNORMAL	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 >325	94	75	65
Chromium	ppm	ASTM D5185m >2	<1	<1	<1
Nickel	ppm	ASTM D5185m >2	1	<1	<1
Titanium	ppm	ASTM D5185m >3	<1	0	0
Silver	ppm	ASTM D5185m >5	<1	0	0
Aluminum	ppm	ASTM D5185m >75	37	29	21
Lead	ppm	ASTM D5185m >40	54	30	16
Copper	ppm	ASTM D5185m >50	30	24	20
Tin	ppm	ASTM D5185m >10	4	3	2
Vanadium	ppm	ASTM D5185m	<1	0	0
Cadmium	ppm	ASTM D5185m	<1	0	0

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	45	39	41
Barium	ppm	ASTM D5185m	0	0	0
Molybdenum	ppm	ASTM D5185m	1	0	<1
Manganese	ppm	ASTM D5185m	3	2	2
Magnesium	ppm	ASTM D5185m	1	0	1
Calcium	ppm	ASTM D5185m	119	115	119
Phosphorus	ppm	ASTM D5185m	182	204	198
Zinc	ppm	ASTM D5185m	30	22	17
Sulfur	ppm	ASTM D5185m	1746	1475	1598

CONTAMINANTS

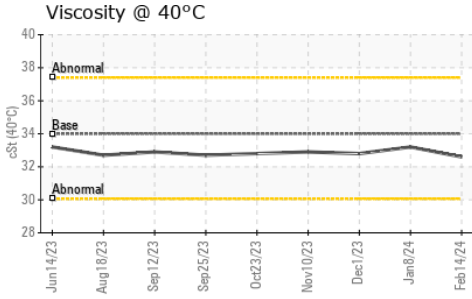
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >20	21	20	19
Sodium	ppm	ASTM D5185m	4	8	5
Potassium	ppm	ASTM D5185m >20	6	4	4

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	▲ MODER	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



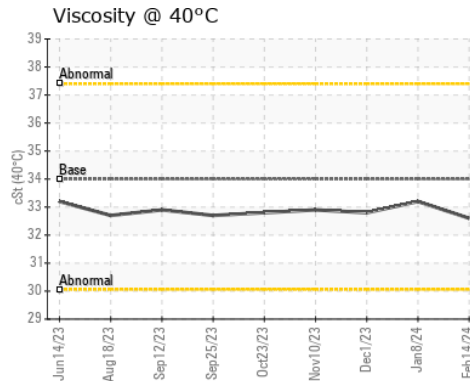
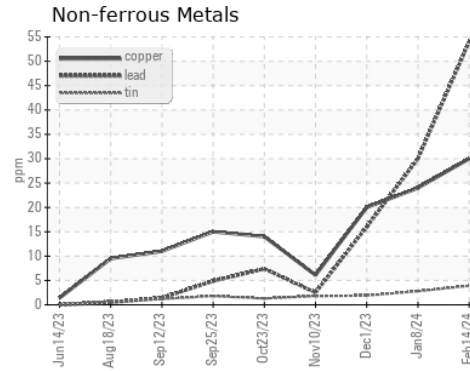
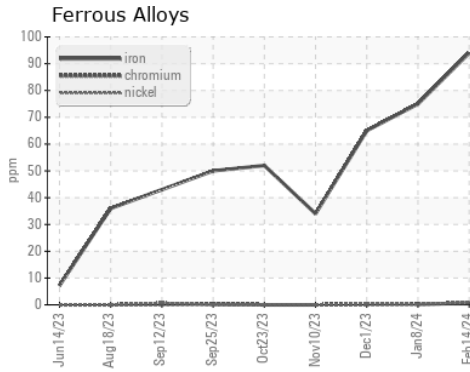
FLUID PROPERTIES

method	limit/base	current	history1	history2
Visc @ 40°C	cSt ASTM D445 34	32.6	33.2	32.8

SAMPLE IMAGES

method	limit/base	current	history1	history2
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. : GFL0112327
Lab Number : 06092067
Unique Number : 10884920
Test Package : FLEET

Received : 16 Feb 2024
Tested : 19 Feb 2024
Diagnosed : 20 Feb 2024 - Don Baldrige

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)

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