



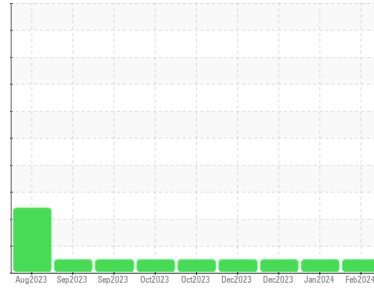
OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Area
(C0807580) {UNASSIGNED}
Machine Id
834020
Component
Transmission (Auto)
Fluid
PETRO CANADA DuraDrive HD Synthetic 668 (8 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		GFL0109950	GFL0107221	GFL0101272
Sample Date	Client Info		02 Feb 2024	08 Jan 2024	04 Dec 2023
Machine Age	hrs	Client Info	1626	1350	1110
Oil Age	hrs	Client Info	1626	1338	1110
Oil Changed	Client Info		Not Chngd	Not Chngd	Not Chngd
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	>230	91	78	71
Chromium	ppm	ASTM D5185m	>2	<1	<1	<1
Nickel	ppm	ASTM D5185m	>5	0	<1	<1
Titanium	ppm	ASTM D5185m	>2	0	0	0
Silver	ppm	ASTM D5185m	>5	0	0	0
Aluminum	ppm	ASTM D5185m	>65	38	34	29
Lead	ppm	ASTM D5185m	>55	24	16	13
Copper	ppm	ASTM D5185m	>85	19	17	16
Tin	ppm	ASTM D5185m	>5	4	3	2
Vanadium	ppm	ASTM D5185m		<1	0	0
Cadmium	ppm	ASTM D5185m		0	0	0

ADDITIVES

	method	limit/base	current	history1	history2	
Boron	ppm	ASTM D5185m		40	39	41
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		2	0	<1
Manganese	ppm	ASTM D5185m		2	2	1
Magnesium	ppm	ASTM D5185m		30	0	1
Calcium	ppm	ASTM D5185m		145	115	120
Phosphorus	ppm	ASTM D5185m		208	202	194
Zinc	ppm	ASTM D5185m		57	20	15
Sulfur	ppm	ASTM D5185m		1505	1508	1661

CONTAMINANTS

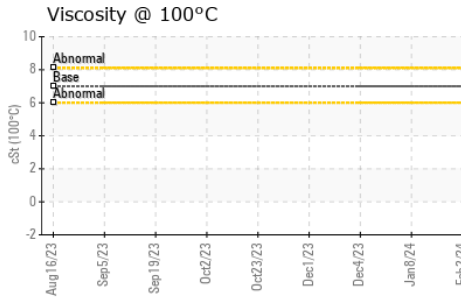
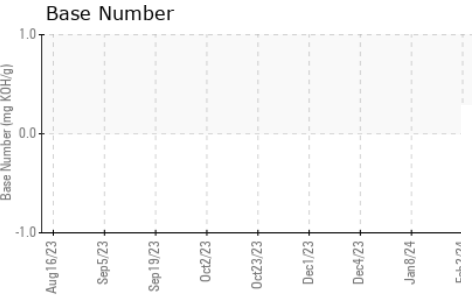
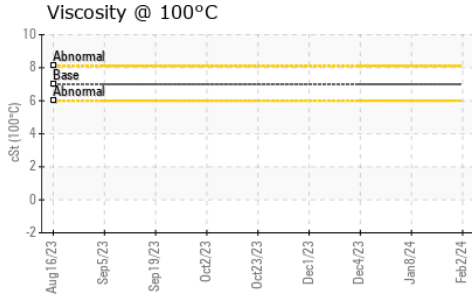
	method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185m	>20	18	19	18
Sodium	ppm	ASTM D5185m		8	8	5
Potassium	ppm	ASTM D5185m	>20	5	3	4

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	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



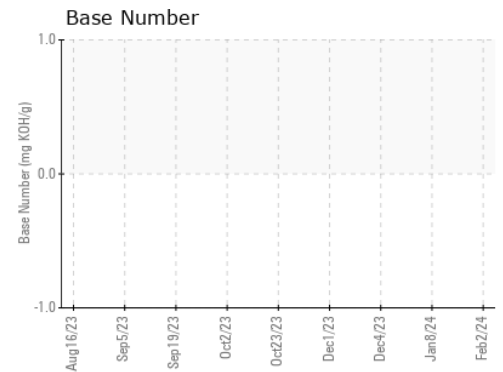
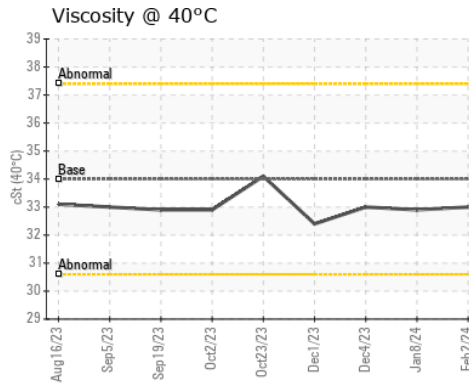
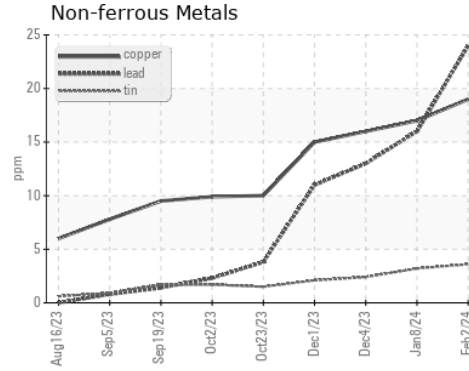
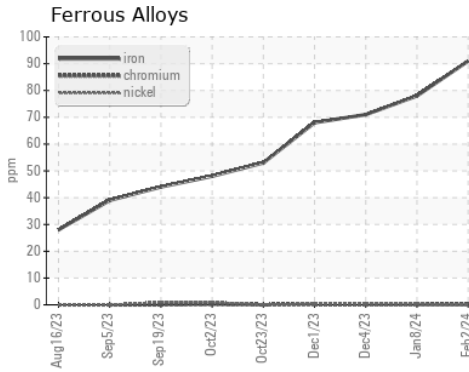
OIL ANALYSIS REPORT



FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	34	33.0	32.9	33.0

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. : GFL0109950

Lab Number : 06081116

Unique Number : 10863207

Test Package : FLEET (Additional Tests: FT-IR, KV100, TBN)

Received : 06 Feb 2024

Tested : 09 Feb 2024

Diagnosed : 09 Feb 2024 - Doug Bogart

GFL Environmental - 010 - Stockbridge

1280 Rum Creek Parkway

Stockbridge, GA

US 30281

Contact: JOSHUA TINKER

joshuatinker@gflenv.com

T:

F:

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)