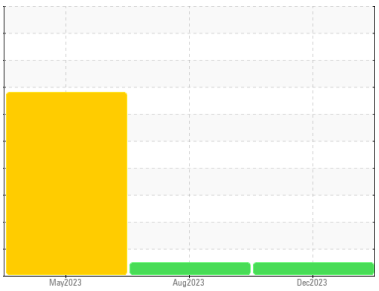
OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL

Machine Id
426143
Component
Transmission (Auto)
Fluid
PETRO CANADA DEXRON VI ATF (--- 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		**GFL0105487**	GFL0089466	GFL0075362
Sample Date		Client Info		**26 Dec 2023**	25 Aug 2023	29 May 2023
Machine Age	hrs	Client Info		**1294**	445086	270559
Oil Age	hrs	Client Info		**1294**	445086	0
Oil Changed		Client Info		**Changed**	Changed	Changed
Sample Status				**NORMAL**	NORMAL	SEVERE

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	**49**	100	⬢ 263
Chromium	ppm	ASTM D5185m	>5	**1**	<1	<1
Nickel	ppm	ASTM D5185m	>5	**0**	<1	1
Titanium	ppm	ASTM D5185m		**0**	0	<1
Silver	ppm	ASTM D5185m	>5	**0**	0	0
Aluminum	ppm	ASTM D5185m	>50	**12**	28	▲ 71
Lead	ppm	ASTM D5185m	>50	**0**	5	13
Copper	ppm	ASTM D5185m	>225	**81**	157	151
Tin	ppm	ASTM D5185m	>10	**0**	2	4
Vanadium	ppm	ASTM D5185m		**0**	0	<1
Cadmium	ppm	ASTM D5185m		**0**	0	0

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	97	**12**	47	26
Barium	ppm	ASTM D5185m	1	**4**	0	0
Molybdenum	ppm	ASTM D5185m		**0**	<1	<1
Manganese	ppm	ASTM D5185m		**0**	2	5
Magnesium	ppm	ASTM D5185m	5	**0**	1	6
Calcium	ppm	ASTM D5185m	60	**284**	313	99
Phosphorus	ppm	ASTM D5185m	190	**446**	351	128
Zinc	ppm	ASTM D5185m	1	**29**	67	123
Sulfur	ppm	ASTM D5185m	1700	**719**	1024	713

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>20	**2**	8	10
Sodium	ppm	ASTM D5185m		**0**	3	6
Potassium	ppm	ASTM D5185m	>20	**0**	2	3

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

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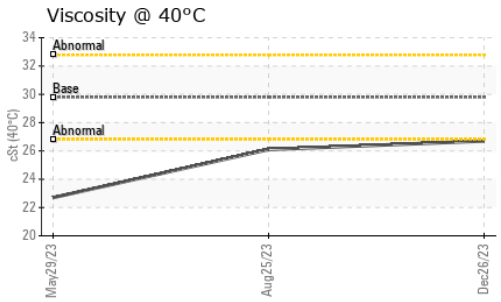
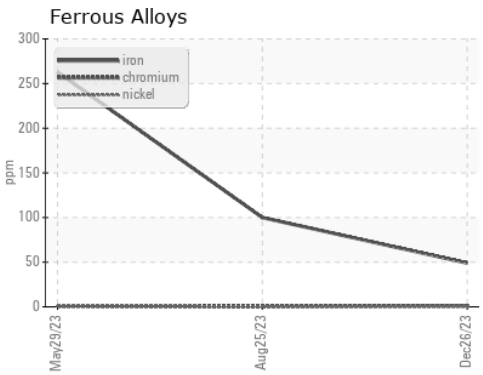
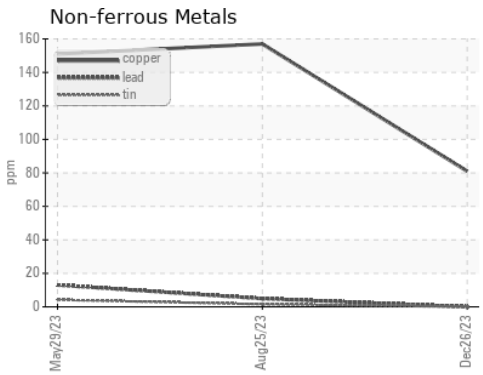


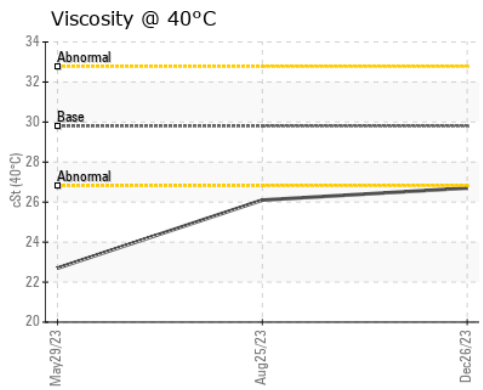
FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	29.8	**26.7**	26.1	22.7

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. : GFL0105487
Lab Number : 06049275
Unique Number : 10809883
Test Package : FLEET

Recieved : 02 Jan 2024
Diagnosed : 04 Jan 2024
Diagnostician : Jonathan Hester

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)

GFL Environmental - 983 - Sugar Land Hauling
16011 West Belfort Street
Sugar Land, TX
US 77498
Contact: TECHNICIAN ACCOUNT
wcgfldemo@gmail.com
T:
F:

Report Id: GFL983 [WUSCAR] 06049275 (Generated: 01/04/2024 09:57:44) Rev: 1

Submitted By: TECHNICIAN ACCOUNT