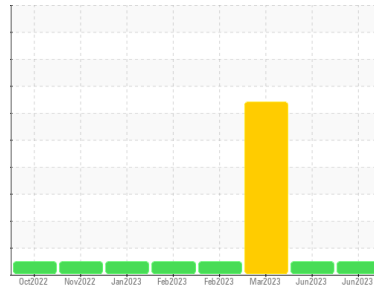




OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id
10482

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	history 1	history 2
Sample Number	Client Info	GFL0086084	GFL0083264	GFL0062616
Sample Date	Client Info	28 Jun 2023	12 Jun 2023	13 Mar 2023
Machine Age	hrs	13553	13386	13355
Oil Age	hrs	1063	870	865
Oil Changed	Client Info	Not Chngd	Not Chngd	Not Chngd
Sample Status		NORMAL	NORMAL	SEVERE

WEAR METALS

method	limit/base	current	history 1	history 2	
Iron	ppm	ASTM D5185m >160	25	19	98
Chromium	ppm	ASTM D5185m >5	0	0	<1
Nickel	ppm	ASTM D5185m >5	<1	<1	<1
Titanium	ppm	ASTM D5185m	0	0	1
Silver	ppm	ASTM D5185m >5	<1	0	0
Aluminum	ppm	ASTM D5185m >50	6	5	▲ 59
Lead	ppm	ASTM D5185m >50	1	1	15
Copper	ppm	ASTM D5185m >225	7	5	13
Tin	ppm	ASTM D5185m >10	1	<1	1
Vanadium	ppm	ASTM D5185m	0	0	<1
Cadmium	ppm	ASTM D5185m	0	0	<1

ADDITIVES

method	limit/base	current	history 1	history 2	
Boron	ppm	ASTM D5185m	68	65	105
Barium	ppm	ASTM D5185m	0	0	0
Molybdenum	ppm	ASTM D5185m	<1	0	5
Manganese	ppm	ASTM D5185m	<1	<1	1
Magnesium	ppm	ASTM D5185m	2	1	6
Calcium	ppm	ASTM D5185m	126	138	108
Phosphorus	ppm	ASTM D5185m	211	214	212
Zinc	ppm	ASTM D5185m	10	13	22
Sulfur	ppm	ASTM D5185m	1659	1809	1556

CONTAMINANTS

method	limit/base	current	history 1	history 2	
Silicon	ppm	ASTM D5185m >20	7	6	▲ 24
Sodium	ppm	ASTM D5185m	0	<1	150
Potassium	ppm	ASTM D5185m >20	2	<1	1

VISUAL

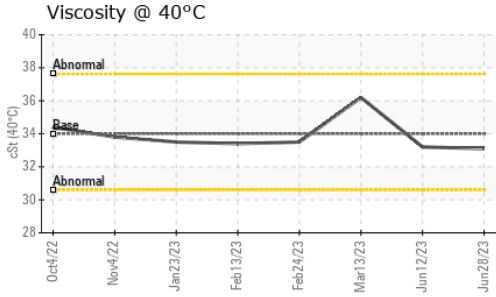
method	limit/base	current	history 1	history 2	
White Metal	scalar	*Visual NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual NONE	NONE	NONE	NONE
Silt	scalar	*Visual NONE	NONE	NONE	LIGHT
Debris	scalar	*Visual NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual NONE	NONE	NONE	NONE
Appearance	scalar	*Visual NORML	NORML	NORML	▲ MILKY
Odor	scalar	*Visual NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual >0.1	NEG	NEG	● 0.2%
Free Water	scalar	*Visual	NEG	NEG	NEG

FLUID PROPERTIES

method	limit/base	current	history 1	history 2	
Visc @ 40°C	cSt	ASTM D445 34	33.1	33.2	36.2

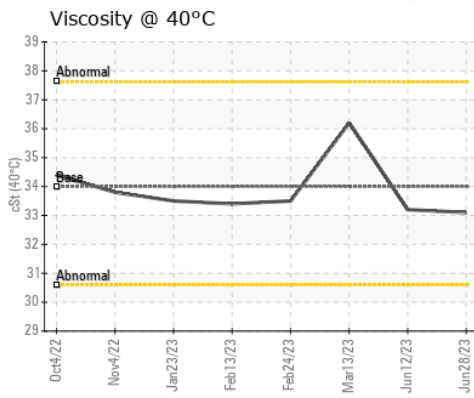
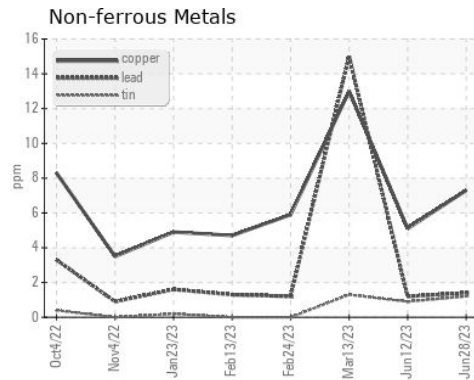
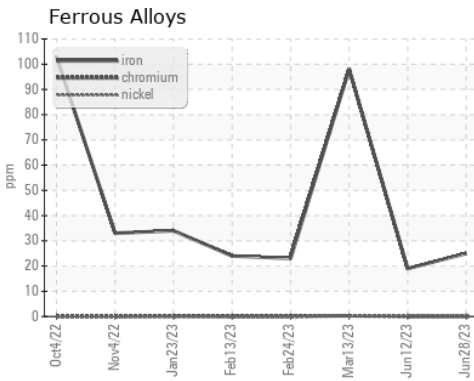


OIL ANALYSIS REPORT



SAMPLE IMAGES	method	limit/base	current	history 1	history 2
Color			no image	no image	
Bottom			no image	no image	

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : GFL0086084
Lab Number : 05894097
Unique Number : 10549907
Test Package : FLEET

GFL Environmental - 010 - Stockbridge
 1280 Rum Creek Parkway
 Stockbridge, GA
 US 30281
 Contact: JOSHUA TINKER
 joshuatinker@gflenv.com
 T:
 F:

Certificate L2367
 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)