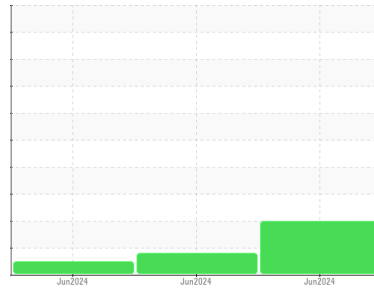




OIL ANALYSIS REPORT

Sample Rating Trend



VISUAL METAL



Machine Id
723021
 Component
Transmission (Auto)
 Fluid

PETRO CANADA DuraDrive HD Synthetic 668 (--- GAL)

DIAGNOSIS

Recommendation

The filter change at the time of sampling has been noted.

Wear

Moderate concentration of visible metal present. All component wear rates are normal.

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		GFL0122919	GFL0122810	GFL0122937
Sample Date	Client Info		21 Jun 2024	18 Jun 2024	12 Jun 2024
Machine Age	hrs	Client Info	26681	26656	26628
Oil Age	hrs	Client Info	26628	26475	26475
Oil Changed	Client Info		Not Chngd	Not Chngd	Not Chngd
Sample Status			ABNORMAL	ABNORMAL	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	47	49	52
Chromium	ppm	ASTM D5185m >5	0	0	<1
Nickel	ppm	ASTM D5185m >5	0	0	<1
Titanium	ppm	ASTM D5185m	0	0	<1
Silver	ppm	ASTM D5185m >5	0	0	<1
Aluminum	ppm	ASTM D5185m >50	21	21	23
Lead	ppm	ASTM D5185m >50	1	<1	1
Copper	ppm	ASTM D5185m >225	6	7	9
Tin	ppm	ASTM D5185m >10	1	0	1
Vanadium	ppm	ASTM D5185m	0	<1	<1
Cadmium	ppm	ASTM D5185m	0	0	<1

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	74	74	79
Barium	ppm	ASTM D5185m	0	0	<1
Molybdenum	ppm	ASTM D5185m	0	<1	5
Manganese	ppm	ASTM D5185m	<1	<1	<1
Magnesium	ppm	ASTM D5185m	0	16	34
Calcium	ppm	ASTM D5185m	152	154	163
Phosphorus	ppm	ASTM D5185m	263	257	283
Zinc	ppm	ASTM D5185m	41	31	67
Sulfur	ppm	ASTM D5185m	1928	1929	1607

CONTAMINANTS

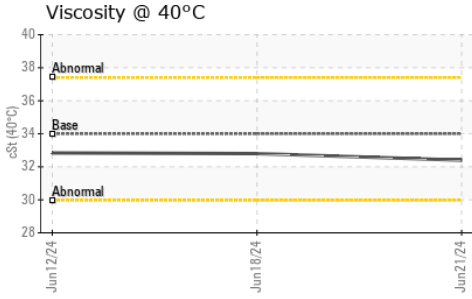
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >20	13	10	11
Sodium	ppm	ASTM D5185m	8	9	9
Potassium	ppm	ASTM D5185m >20	3	4	4

VISUAL

	method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	▲ MODER	NONE	NONE
Yellow Metal	scalar	*Visual NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual NONE	NONE	NONE	NONE
Silt	scalar	*Visual NONE	▲ MODER	▲ MODER	NONE
Debris	scalar	*Visual NONE	NONE	NONE	LIGHT
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



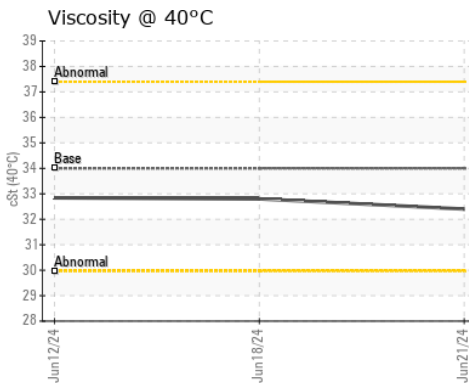
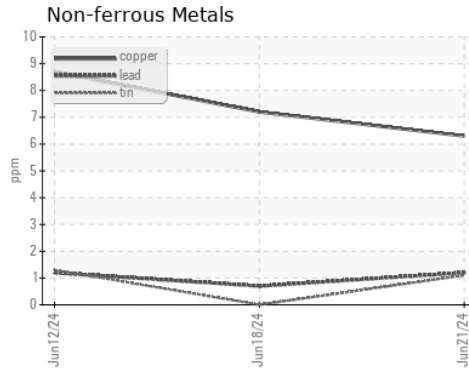
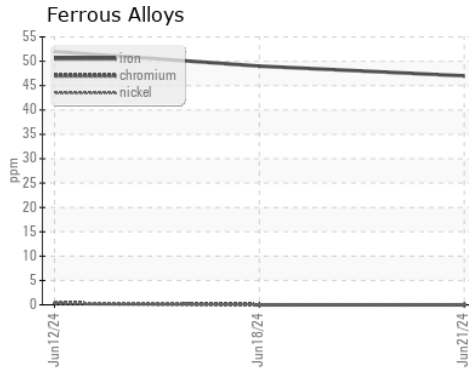
FLUID PROPERTIES

method	limit/base	current	history1	history2
Visc @ 40°C	cSt ASTM D445 34	32.4	32.8	32.84

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. : GFL0122919
Lab Number : 06224129
Unique Number : 11102326
Test Package : FLEET

Received : 28 Jun 2024
Tested : 01 Jul 2024
Diagnosed : 01 Jul 2024 - Angela Borella

GFL Environmental - 837 - Harrison TS
 22820 S State Route 291
 Harrisonville, MO
 US 64701
 Contact: JEREMY BROWN
 jeremyb@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: