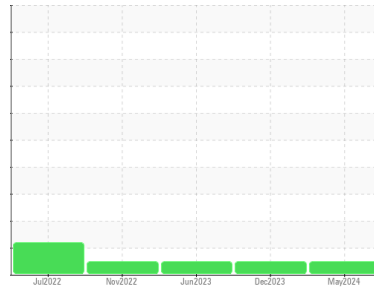




OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id

731119

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	history1	history2
Sample Number	Client Info	GFL0120144	GFL0103358	GFL0083731
Sample Date	Client Info	24 May 2024	21 Dec 2023	06 Jun 2023
Machine Age	hrs	7526	6906	5704
Oil Age	hrs	0	6906	5704
Oil Changed	Client Info	Not Changed	Not Changed	Not Changed
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 >160	135	118	127
Chromium	ppm ASTM D5185m >5	<1	0	<1
Nickel	ppm ASTM D5185m >5	<1	0	<1
Titanium	ppm ASTM D5185m	<1	0	0
Silver	ppm ASTM D5185m >5	<1	0	0
Aluminum	ppm ASTM D5185m >50	56	47	54
Lead	ppm ASTM D5185m >50	8	6	8
Copper	ppm ASTM D5185m >225	48	43	48
Tin	ppm ASTM D5185m >10	10	7	10
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	74	70	82
Barium	ppm ASTM D5185m	1	0	0
Molybdenum	ppm ASTM D5185m	2	<1	<1
Manganese	ppm ASTM D5185m	3	2	3
Magnesium	ppm ASTM D5185m	11	8	1
Calcium	ppm ASTM D5185m	105	85	63
Phosphorus	ppm ASTM D5185m	260	225	251
Zinc	ppm ASTM D5185m	25	19	5
Sulfur	ppm ASTM D5185m	1146	907	1103

CONTAMINANTS

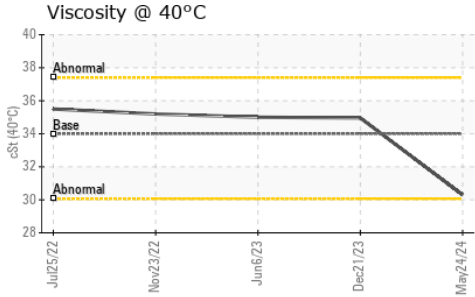
method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185m >20	8	6	6
Sodium	ppm ASTM D5185m	17	11	10
Potassium	ppm ASTM D5185m >20	5	1	4

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	LIGHT	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

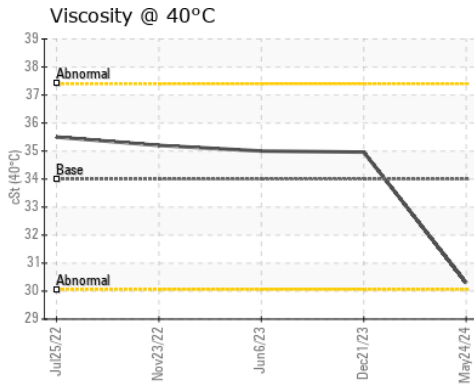
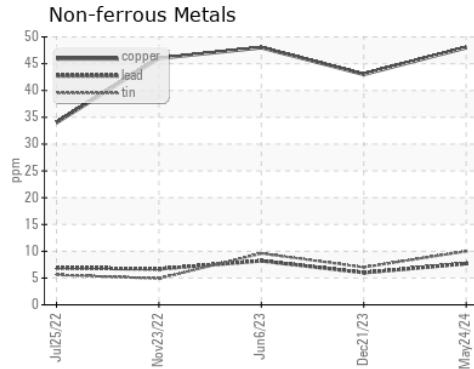
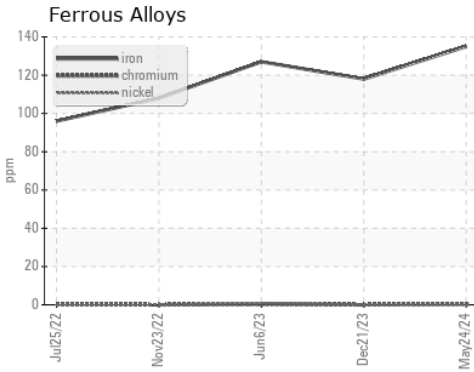


FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445 34	30.3	34.96	35.0

SAMPLE IMAGES	method	limit/base	current	history1	history2
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Color		no image	no image	no image
Bottom		no image	no image	no image

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : GFL0120144 **Received** : 29 May 2024
Lab Number : 06194473 **Tested** : 30 May 2024
Unique Number : 11056596 **Diagnosed** : 31 May 2024 - Sean Felton
Test Package : FLEET

GFL Environmental - 836 - Kansas City Hauling
 7801 East Truman Road
 Kansas City, MO
 US 64126
 Contact: Loyce Stewart
 loyce.stewart@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: