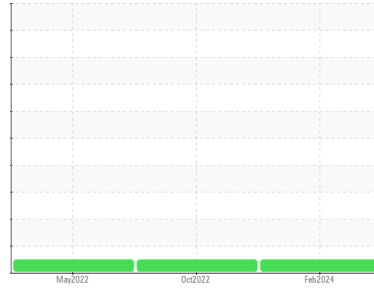




OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id
728002
 Component
Transmission (Auto)
 Fluid
DEXRON III (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DEXRON III. Please confirm.

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	GFL0102851	GFL0061958	GFL0053593
Sample Date	Client Info	08 Feb 2024	27 Oct 2022	25 May 2022
Machine Age	hrs	0	11622	10159
Oil Age	hrs	19565	1473	1200
Oil Changed	Client Info	N/A	Not Changd	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 D5185(m) >220	106	91	100
Chromium	ppm ASTM D5185(m) >2	<1	<1	<1
Nickel	ppm ASTM D5185(m) >5	<1	<1	<1
Titanium	ppm ASTM D5185(m)	0	0	0
Silver	ppm ASTM D5185(m) >5	0	0	0
Aluminum	ppm ASTM D5185(m) >75	43	54	59
Lead	ppm ASTM D5185(m) >95	10	12	13
Copper	ppm ASTM D5185(m) >60	38	44	45
Tin	ppm ASTM D5185(m) >10	4	4	5
Antimony	ppm ASTM D5185(m) >2	0	0	0
Vanadium	ppm ASTM D5185(m)	0	0	0
Beryllium	ppm ASTM D5185(m)	0	0	0
Cadmium	ppm ASTM D5185(m)	0	0	0

ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185(m)	65	74	75
Barium	ppm ASTM D5185(m)	0	0	0
Molybdenum	ppm ASTM D5185(m)	0	0	0
Manganese	ppm ASTM D5185(m)	<1	1	1
Magnesium	ppm ASTM D5185(m)	2	1	<1
Calcium	ppm ASTM D5185(m)	111	99	86
Phosphorus	ppm ASTM D5185(m)	221	239	235
Zinc	ppm ASTM D5185(m)	13	12	13
Sulfur	ppm ASTM D5185(m)	1428	1348	1251
Lithium	ppm ASTM D5185(m)	<1	<1	<1

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185(m) >25	8	9	11
Sodium	ppm ASTM D5185(m)	5	5	4
Potassium	ppm ASTM D5185(m) >20	2	2	0

INFRA-RED

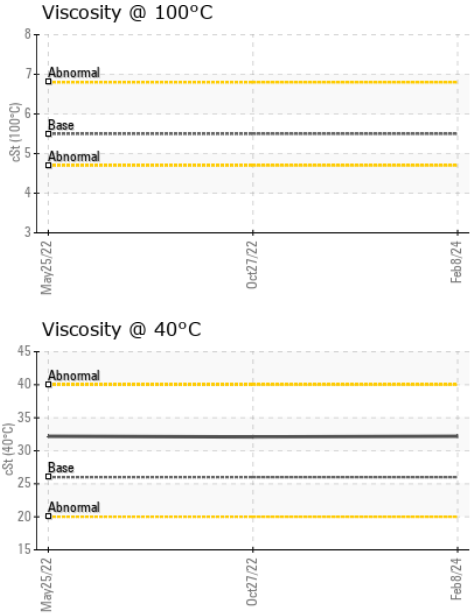
method	limit/base	current	history1	history2
Soot %	% ASTM D7844*	0	---	---
Nitration	Abs/cm ASTM D7624*	5.4	---	---
Sulfation	Abs/.1mm ASTM D7415*	39.6	---	---

FLUID DEGRADATION

method	limit/base	current	history1	history2
Oxidation	Abs/.1mm ASTM D7414*	54.8	---	---



OIL ANALYSIS REPORT

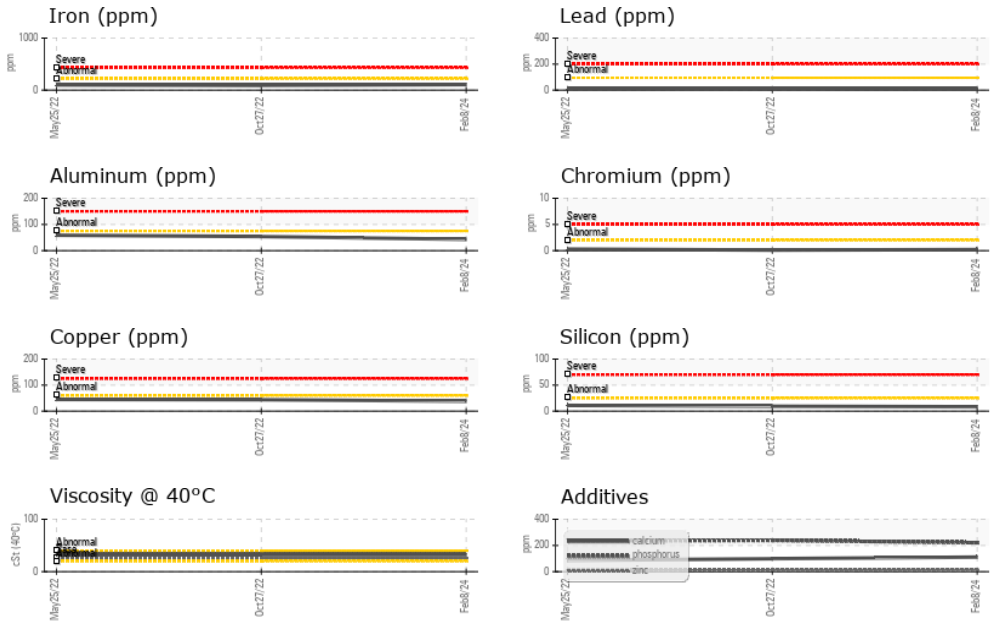


VISUAL	method	limit/base	current	history1	history2	
White Metal	scalar	Visual*	NONE	NONE	VLITE	NONE
Yellow Metal	scalar	Visual*	NONE	VLITE	NONE	NONE
Precipitate	scalar	Visual*	NONE	NONE	NONE	NONE
Silt	scalar	Visual*	NONE	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	NONE	VLITE
Sand/Dirt	scalar	Visual*	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

FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D7279(m)	26.0	32.2	32.1	32.2
Visc @ 100°C	cSt	ASTM D7279(m)	5.5	6.3	---	---
Viscosity Index (VI)	Scale	ASTM D2270*	155	150	---	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color					
Bottom					

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0102851
Lab Number : **02614396**
Unique Number : 5723491
Test Package : MOB 1 (Additional Tests: FT-IR, KV100, VI)

GFL Environmental - 246 - Windsor
 2700 Deziel Dr
 Windsor, ON
 CA N8W 5H8
 Contact: Dave Varga
 dvarga@gflenv.com
 T: (519)944-8009
 F:

Received : 09 Feb 2024
 Tested : 09 Feb 2024
 Diagnosed : 09 Feb 2024 - Wes Davis
 To discuss this sample report, contact Customer Service at 1-800-268-2131.
 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.
 Validity of results and interpretation are based on the sample and information as supplied.