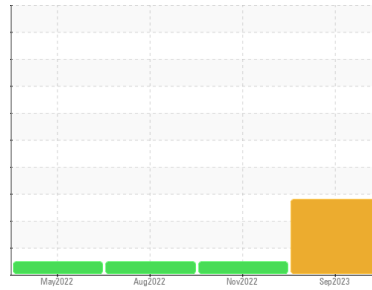




OIL ANALYSIS REPORT

Sample Rating Trend

VISCOSITY



Machine Id
924003
Component
Transmission (Auto)
Fluid
DEXRON III (--- GAL)

DIAGNOSIS

Recommendation

Confirm the source of the lubricant being utilized for top-up/fill. 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

Viscosity of sample indicates oil is within SAE 40 range, advise investigate. This plus the additive levels indicates that this is not the same brand, or type of oil as reported. The condition of the fluid is acceptable for the time in service.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	GFL0053581	GFL0063891	GFL0057698
Sample Date	Client Info	29 Sep 2023	03 Nov 2022	04 Aug 2022
Machine Age	hrs	0	19418	17801
Oil Age	hrs	0	1617	1200
Oil Changed	Client Info	N/A	Oil Added	Changed
Sample Status		ABNORMAL	NORMAL	NORMAL

WEAR METALS

method	limit/base	current	history1	history2	
Iron	ppm	ASTM D5185(m) >220	23	82	89
Chromium	ppm	ASTM D5185(m) >2	<1	0	0
Nickel	ppm	ASTM D5185(m) >5	1	0	<1
Titanium	ppm	ASTM D5185(m)	0	0	0
Silver	ppm	ASTM D5185(m) >5	<1	0	0
Aluminum	ppm	ASTM D5185(m) >75	8	15	15
Lead	ppm	ASTM D5185(m) >95	<1	2	3
Copper	ppm	ASTM D5185(m) >60	10	7	7
Tin	ppm	ASTM D5185(m) >10	<1	<1	<1
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)	50	69	66
Barium	ppm	ASTM D5185(m)	<1	0	0
Molybdenum	ppm	ASTM D5185(m)	▲ 16	<1	<1
Manganese	ppm	ASTM D5185(m)	0	<1	<1
Magnesium	ppm	ASTM D5185(m)	▲ 218	<1	1
Calcium	ppm	ASTM D5185(m)	▲ 1905	113	120
Phosphorus	ppm	ASTM D5185(m)	▲ 928	221	195
Zinc	ppm	ASTM D5185(m)	▲ 1146	4	7
Sulfur	ppm	ASTM D5185(m)	▲ 2722	1502	1430
Lithium	ppm	ASTM D5185(m)	<1	<1	<1

CONTAMINANTS

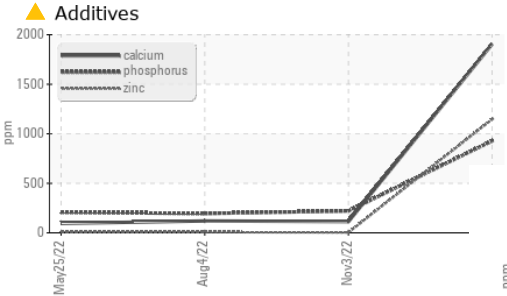
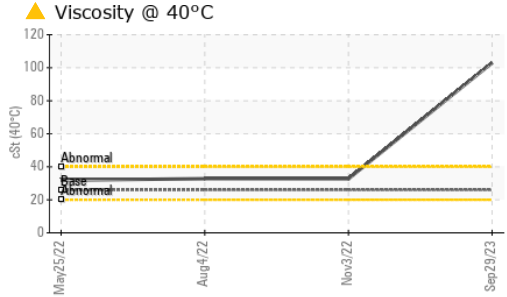
method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185(m) >25	13	9	9
Sodium	ppm	ASTM D5185(m)	12	3	2
Potassium	ppm	ASTM D5185(m) >20	7	<1	<1

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	VLITE	NONE	LIGHT
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



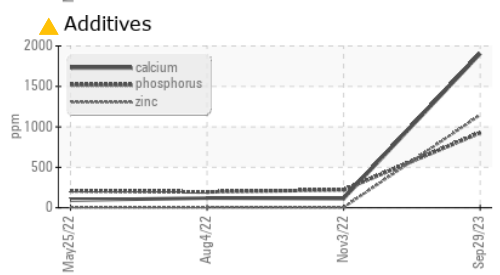
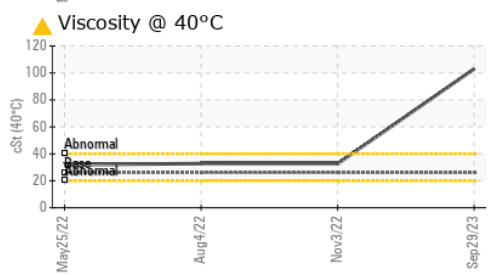
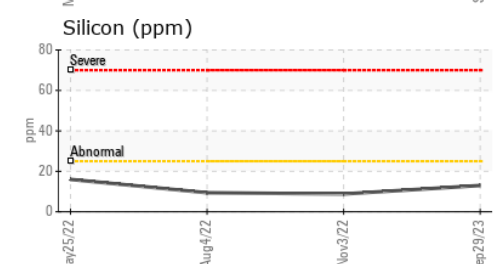
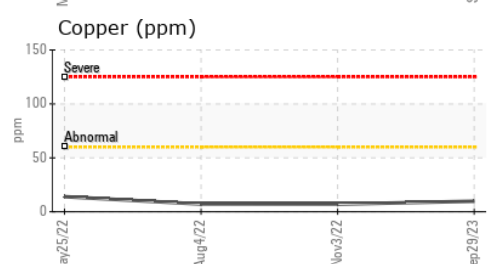
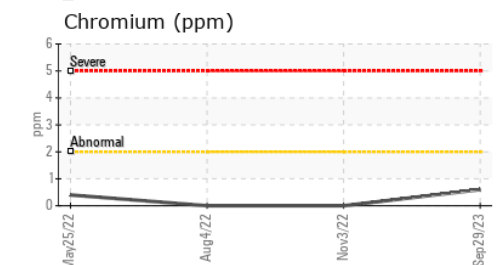
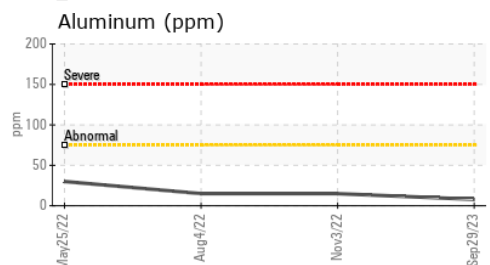
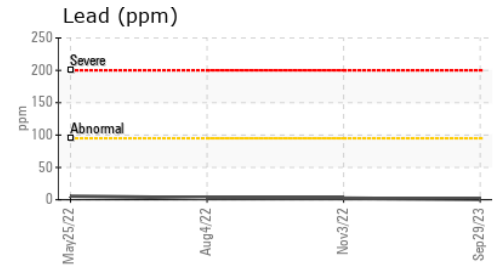
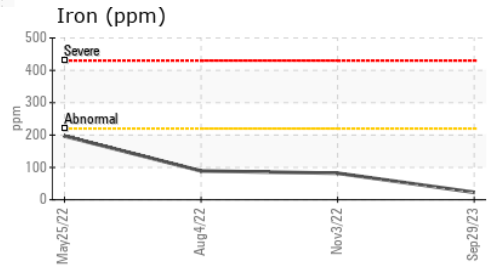
OIL ANALYSIS REPORT



FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	26.0	▲ 103	32.7	32.8

SAMPLE IMAGES		method	limit/base	current	history1	history2
Color						
Bottom						

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **GFL Environmental - 246 - Windsor**
Sample No. : GFL0053581 **Received** : 03 Oct 2023 2700 Deziel Dr
Lab Number : 02586485 **Diagnosed** : 03 Oct 2023 Windsor, ON
Unique Number : 5655551 **Diagnostician** : Kevin Marson CA N8W 5H8
Test Package : MOB 1

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.

Contact: Dave Varga
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 T: (519)944-8009
 F: