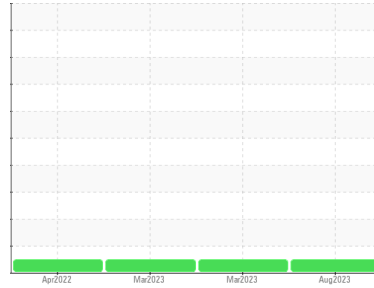




OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id
801157
 Component
Front Transmission (Auto)
 Fluid
ALLISON TES 295 (--- 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	GFL0084194	GFL0073203	GFL0073144	
Sample Date	Client Info	17 Aug 2023	22 Mar 2023	01 Mar 2023	
Machine Age	hrs	Client Info	2438	1483	1327
Oil Age	hrs	Client Info	600	600	600
Oil Changed	Client Info	Changed	Changed	Changed	
Sample Status		NORMAL	NORMAL	NORMAL	

WEAR METALS

method	limit/base	current	history1	history2		
Iron	ppm	ASTM D5185(m)	>160	26	27	39
Chromium	ppm	ASTM D5185(m)	>5	0	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	0	0	0
Aluminum	ppm	ASTM D5185(m)	>50	8	7	14
Lead	ppm	ASTM D5185(m)	>50	2	4	10
Copper	ppm	ASTM D5185(m)	>225	11	11	14
Tin	ppm	ASTM D5185(m)	>10	<1	1	2
Antimony	ppm	ASTM D5185(m)		0	0	<1
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)	150	90	96	47
Barium	ppm	ASTM D5185(m)	0	0	0	0
Molybdenum	ppm	ASTM D5185(m)	0	0	0	<1
Manganese	ppm	ASTM D5185(m)		<1	<1	<1
Magnesium	ppm	ASTM D5185(m)	0	2	1	3
Calcium	ppm	ASTM D5185(m)	40	117	120	125
Phosphorus	ppm	ASTM D5185(m)	320	275	293	256
Zinc	ppm	ASTM D5185(m)	5	8	6	8
Sulfur	ppm	ASTM D5185(m)	1050	1546	1601	1644
Lithium	ppm	ASTM D5185(m)		<1	<1	<1

CONTAMINANTS

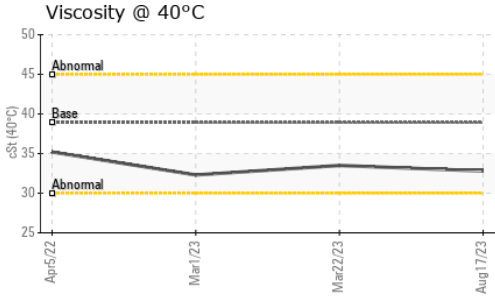
method	limit/base	current	history1	history2		
Silicon	ppm	ASTM D5185(m)	>20	3	4	7
Sodium	ppm	ASTM D5185(m)		5	4	11
Potassium	ppm	ASTM D5185(m)	>20	2	1	9

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	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



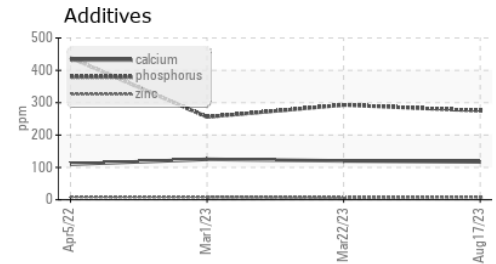
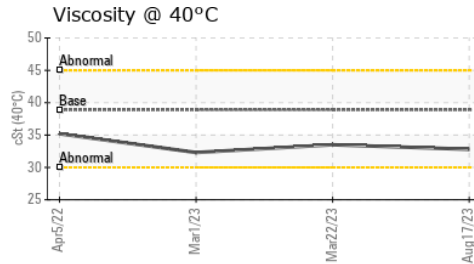
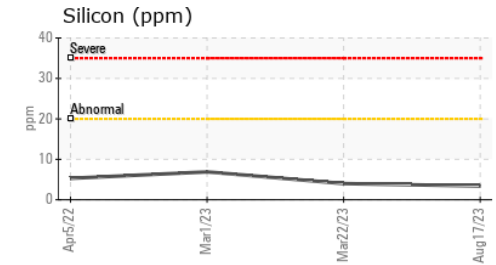
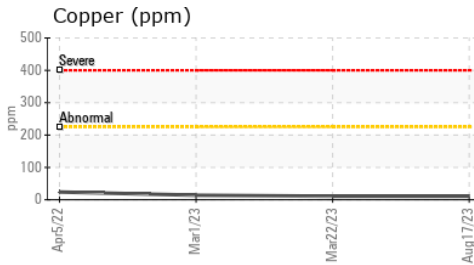
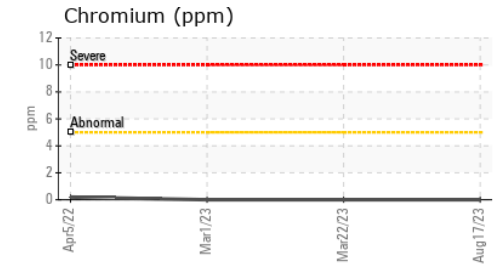
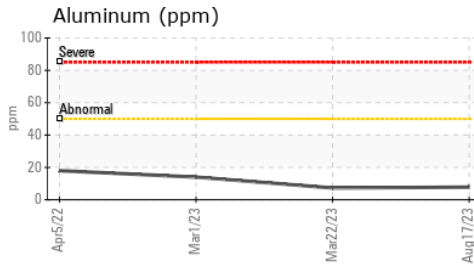
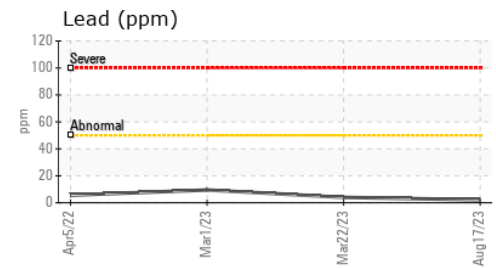
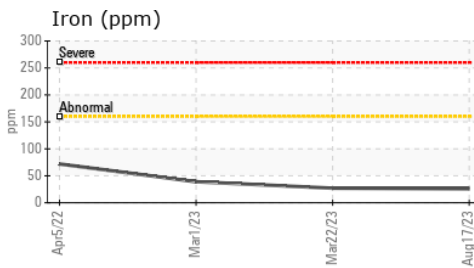
OIL ANALYSIS REPORT



FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	38.9	32.8	33.5	32.3

SAMPLE IMAGES		method	limit/base	current	history1	history2
Color						
Bottom						

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 573 - Vancouver Hauling
Sample No. : GFL0084194 **Received** : 08 Sep 2023 70 Golden Drive,
Lab Number : 02581188 **Diagnosed** : 08 Sep 2023 Coquitlam, BC
Unique Number : 5642253 **Diagnostician** : Wes Davis CA V3K 6B5
Test Package : MOB 1 Contact: Catia Klagenberg Alves
cklagenbergalves@gflenv.com

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.