



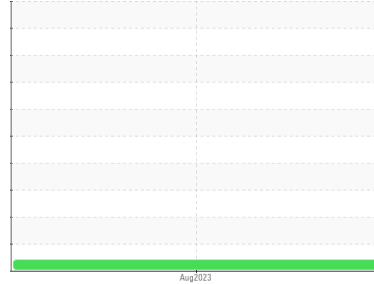
OIL ANALYSIS REPORT

Sample Rating Trend

VISCOSITY



Machine Id
WL0424
 Component
Transmission (Manual)
 Fluid
SAE 30W (--- 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

Viscosity of sample indicates oil is within SAE 50 range, advise investigate. The condition of the fluid is acceptable for the time in service.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		GFL0077024	---	---
Sample Date	Client Info		09 Aug 2023	---	---
Machine Age	kms	Client Info	5470	---	---
Oil Age	kms	Client Info	0	---	---
Oil Changed	Client Info		Not Changed	---	---
Sample Status			ABNORMAL	---	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>200	19	---
Chromium	ppm	ASTM D5185(m)	>5	0	---
Nickel	ppm	ASTM D5185(m)	>5	0	---
Titanium	ppm	ASTM D5185(m)		0	---
Silver	ppm	ASTM D5185(m)	>7	0	---
Aluminum	ppm	ASTM D5185(m)	>25	2	---
Lead	ppm	ASTM D5185(m)	>45	11	---
Copper	ppm	ASTM D5185(m)	>225	46	---
Tin	ppm	ASTM D5185(m)	>10	1	---
Antimony	ppm	ASTM D5185(m)		0	---
Vanadium	ppm	ASTM D5185(m)		0	---
Beryllium	ppm	ASTM D5185(m)		0	---
Cadmium	ppm	ASTM D5185(m)		0	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)		6	---
Barium	ppm	ASTM D5185(m)		<1	---
Molybdenum	ppm	ASTM D5185(m)		2	---
Manganese	ppm	ASTM D5185(m)		<1	---
Magnesium	ppm	ASTM D5185(m)		16	---
Calcium	ppm	ASTM D5185(m)		3050	---
Phosphorus	ppm	ASTM D5185(m)		966	---
Zinc	ppm	ASTM D5185(m)		1091	---
Sulfur	ppm	ASTM D5185(m)		4490	---
Lithium	ppm	ASTM D5185(m)		<1	---

CONTAMINANTS

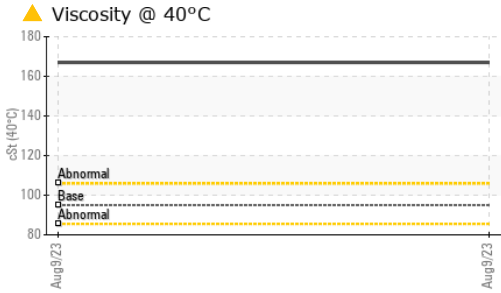
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>125	7	---
Sodium	ppm	ASTM D5185(m)		1	---
Potassium	ppm	ASTM D5185(m)	>20	<1	---

VISUAL

	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	---
Precipitate	scalar	Visual*	NONE	NONE	---
Silt	scalar	Visual*	NONE	NONE	---
Debris	scalar	Visual*	NONE	NONE	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---
Appearance	scalar	Visual*	NORML	NORML	---
Odor	scalar	Visual*	NORML	NORML	---
Emulsified Water	scalar	Visual*	>0.1	NEG	---
Free Water	scalar	Visual*		NEG	---



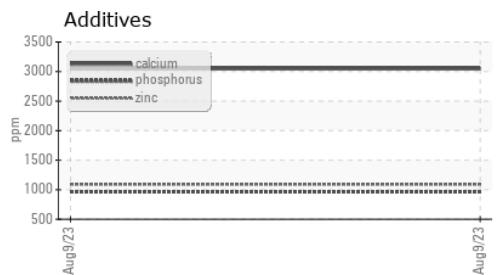
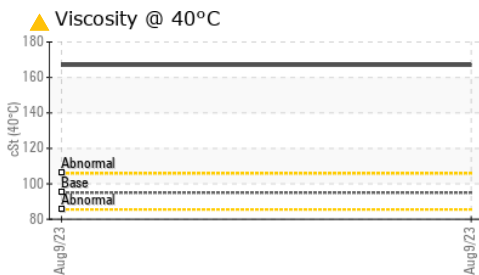
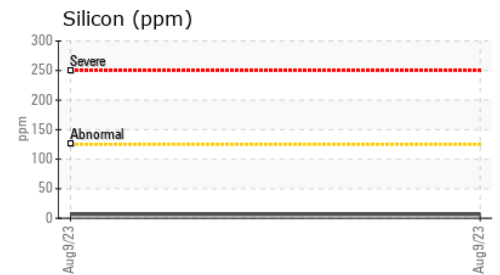
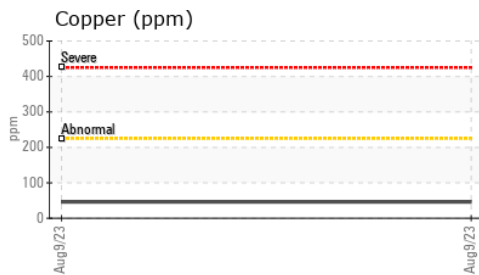
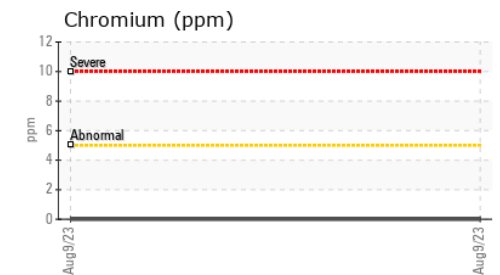
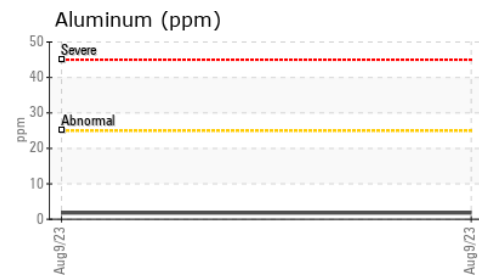
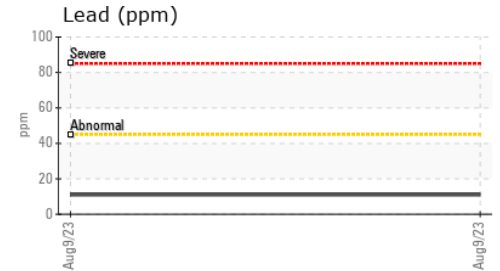
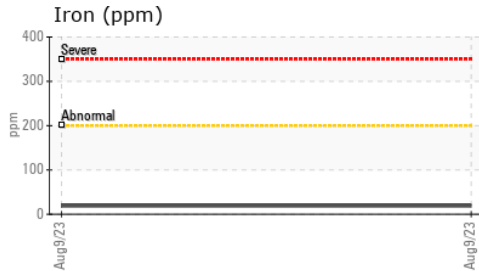
OIL ANALYSIS REPORT



FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	95.0 ▲ 167	---	---

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

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 575 - Squamish Hauling
Sample No. : GFL0077024 **Received** : 14 Aug 2023 38950 Queens Way,
Lab Number : 02575736 **Diagnosed** : 14 Aug 2023 Squamish, BC
Unique Number : 5620787 **Diagnostician** : Kevin Marson CA V8B 0K8
Test Package : MOB 1 Contact: Jonas Araujo jaraujo@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.