



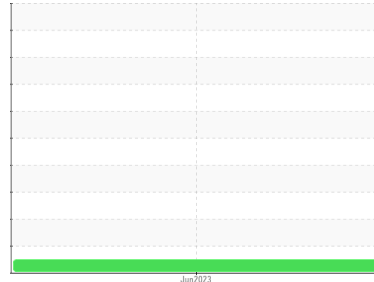
OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id
VOLVO L70G WL0417
 Component
Transmission (Auto)
 Fluid
VOLVO AUTOMATIC TRANSMISSION FLUID AT102 (--- LTR)



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

Additive levels indicate the addition of a different brand, or type of fluid. The condition of the fluid is acceptable for the time in service.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		GFL0082106	---	---
Sample Date	Client Info		02 Jun 2023	---	---
Machine Age	hrs	Client Info	4858	---	---
Oil Age	hrs	Client Info	4858	---	---
Oil Changed		Client Info	Changed	---	---
Sample Status			NORMAL	---	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m) >160	83	---	---
Chromium	ppm	ASTM D5185(m) >5	<1	---	---
Nickel	ppm	ASTM D5185(m) >5	<1	---	---
Titanium	ppm	ASTM D5185(m)	<1	---	---
Silver	ppm	ASTM D5185(m) >5	0	---	---
Aluminum	ppm	ASTM D5185(m) >50	4	---	---
Lead	ppm	ASTM D5185(m) >50	2	---	---
Copper	ppm	ASTM D5185(m) >225	55	---	---
Tin	ppm	ASTM D5185(m) >10	0	---	---
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) 187	42	---	---
Barium	ppm	ASTM D5185(m) 0.0	3	---	---
Molybdenum	ppm	ASTM D5185(m) 0.0	9	---	---
Manganese	ppm	ASTM D5185(m) 0.0	5	---	---
Magnesium	ppm	ASTM D5185(m) 6.8	47	---	---
Calcium	ppm	ASTM D5185(m) 215	317	---	---
Phosphorus	ppm	ASTM D5185(m) 445	308	---	---
Zinc	ppm	ASTM D5185(m) 56	199	---	---
Sulfur	ppm	ASTM D5185(m) 1336	1573	---	---
Lithium	ppm	ASTM D5185(m)	2	---	---

CONTAMINANTS

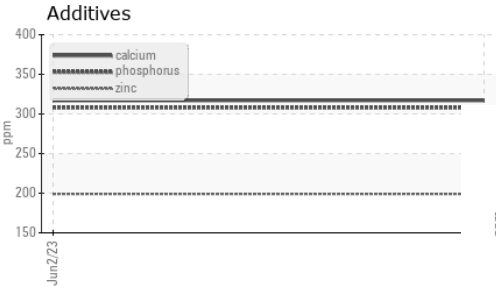
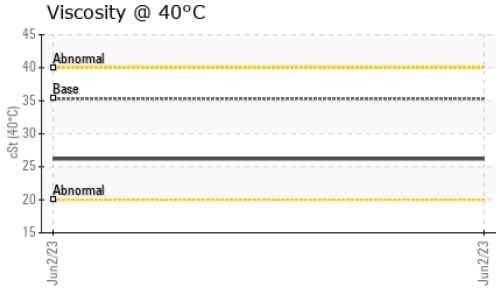
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m) >20	11	---	---
Sodium	ppm	ASTM D5185(m)	6	---	---
Potassium	ppm	ASTM D5185(m) >20	2	---	---

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	VLITE	---	---
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	---	---



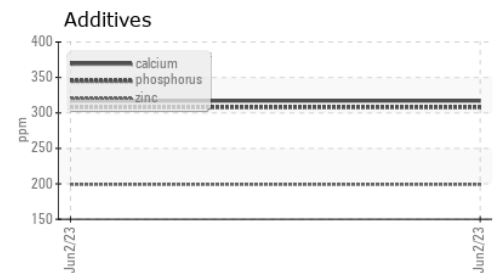
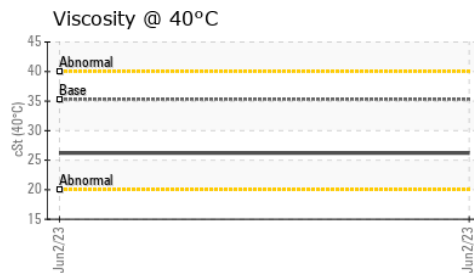
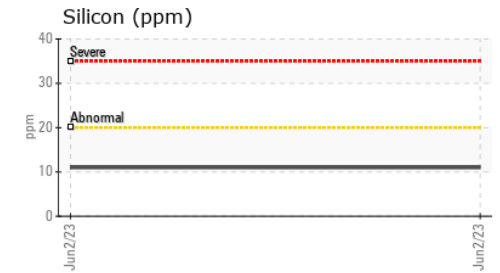
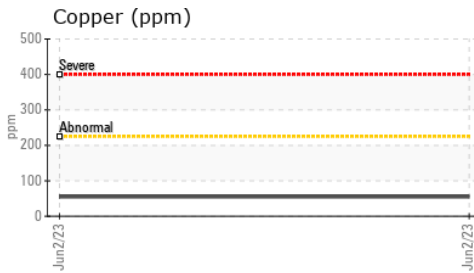
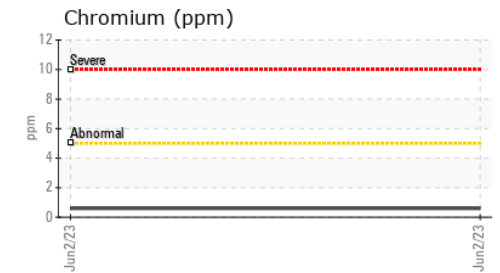
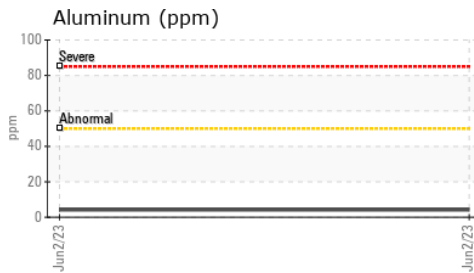
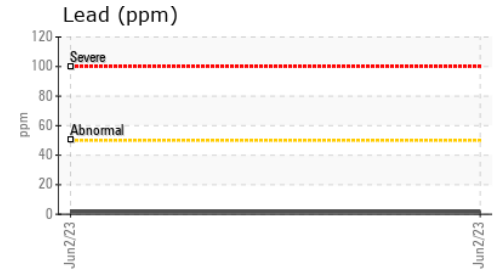
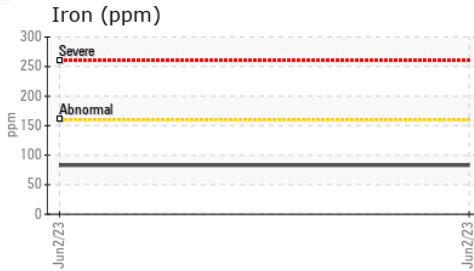
OIL ANALYSIS REPORT



FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	35.3	26.2	---	---

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

GRAPHS



ISO 17025:2017
Accredited
Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0082106 **Received** : 30 Aug 2023
Lab Number : 02579400 **Diagnosed** : 30 Aug 2023
Unique Number : 5632460 **Diagnostician** : Kevin Marson
Test Package : MOB 1

GFL Environmental - 527
 449 Feldman Rd.
 Timmins, ON
 CA P4N 7E2
 Contact: Martin St-Pierre
 martinstpierre@gflenv.com
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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.