



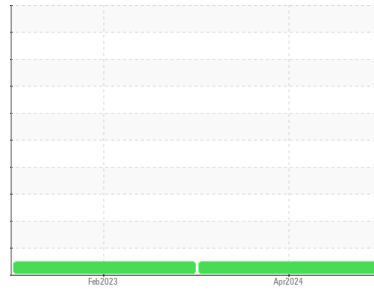
# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Area  
**GROUP SAVOIE [8000399678]**  
 Machine Id  
**VOLVO L120H 633191**  
 Component  
**Transmission (Auto)**  
 Fluid  
**VOLVO AUTOMATIC TRANSMISSION FLUID AT102 (--- 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		<b>WC0896357</b>	VCP297562	---
Sample Date	Client Info		<b>05 Apr 2024</b>	02 Feb 2023	---
Machine Age	hrs	Client Info	<b>6982</b>	2158	---
Oil Age	hrs	Client Info	<b>0</b>	0	---
Oil Changed	Client Info		<b>Not Chngd</b>	Not Chngd	---
Sample Status			<b>NORMAL</b>	NORMAL	---

## CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>0.1	<b>NEG</b>	NEG	---

## WEAR METALS

	method	limit/base	current	history1	history2	
Iron	ppm	ASTM D5185(m)	>160	<b>48</b>	63	---
Chromium	ppm	ASTM D5185(m)	>5	<b>0</b>	<1	---
Nickel	ppm	ASTM D5185(m)	>5	<b>0</b>	<1	---
Titanium	ppm	ASTM D5185(m)		<b>0</b>	0	---
Silver	ppm	ASTM D5185(m)	>5	<b>0</b>	0	---
Aluminum	ppm	ASTM D5185(m)	>50	<b>9</b>	8	---
Lead	ppm	ASTM D5185(m)	>50	<b>&lt;1</b>	<1	---
Copper	ppm	ASTM D5185(m)	>225	<b>42</b>	13	---
Tin	ppm	ASTM D5185(m)	>10	<b>0</b>	0	---
Antimony	ppm	ASTM D5185(m)		<b>0</b>	0	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	---
Beryllium	ppm	ASTM D5185(m)		<b>0</b>	0	---
Cadmium	ppm	ASTM D5185(m)		<b>0</b>	0	---

## ADDITIVES

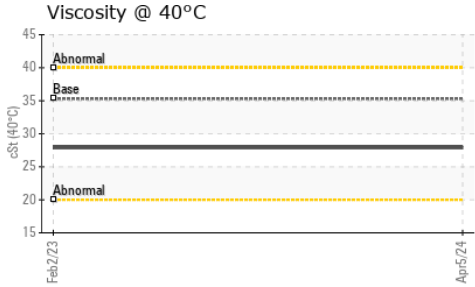
	method	limit/base	current	history1	history2	
Boron	ppm	ASTM D5185(m)	187	<b>78</b>	70	---
Barium	ppm	ASTM D5185(m)	0.0	<b>&lt;1</b>	5	---
Molybdenum	ppm	ASTM D5185(m)	0.0	<b>&lt;1</b>	<1	---
Manganese	ppm	ASTM D5185(m)	0.0	<b>1</b>	5	---
Magnesium	ppm	ASTM D5185(m)	6.8	<b>15</b>	4	---
Calcium	ppm	ASTM D5185(m)	215	<b>114</b>	95	---
Phosphorus	ppm	ASTM D5185(m)	445	<b>216</b>	231	---
Zinc	ppm	ASTM D5185(m)	56	<b>30</b>	26	---
Sulfur	ppm	ASTM D5185(m)	1336	<b>1680</b>	1691	---
Lithium	ppm	ASTM D5185(m)		<b>&lt;1</b>	3	---

## CONTAMINANTS

	method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185(m)	>20	<b>4</b>	10	---
Sodium	ppm	ASTM D5185(m)		<b>2</b>	3	---
Potassium	ppm	ASTM D5185(m)	>20	<b>1</b>	<1	---



# OIL ANALYSIS REPORT



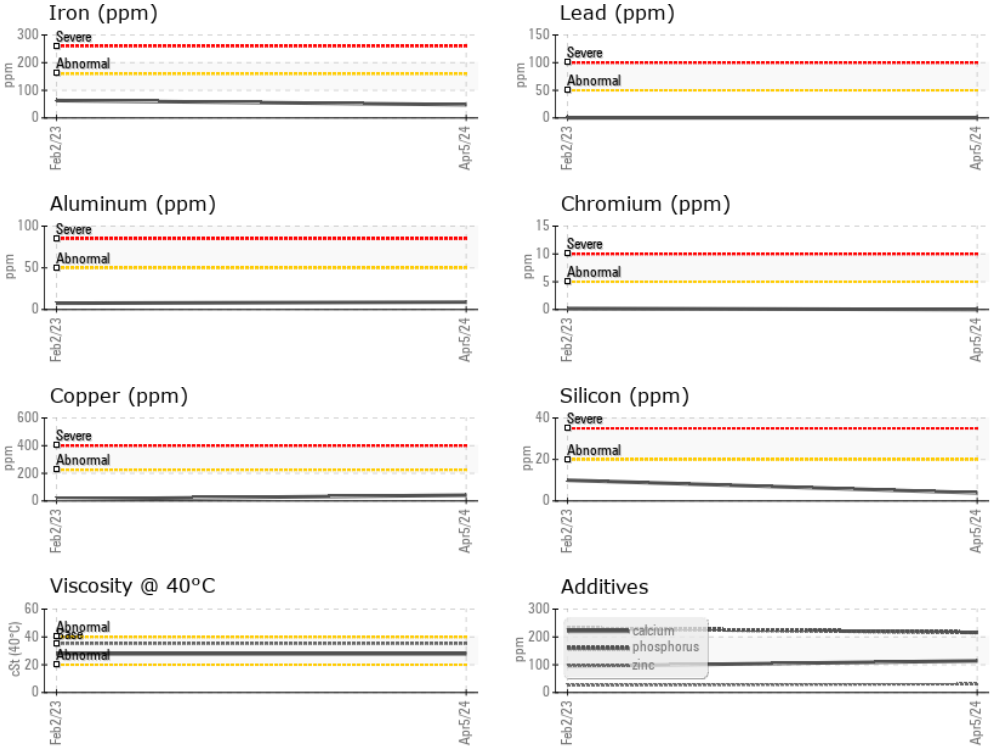
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	---
Precipitate	scalar	Visual*	NONE	NONE	---
Silt	scalar	Visual*	NONE	NONE	---
Debris	scalar	Visual*	NONE	NONE	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---
Appearance	scalar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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	35.3	27.9	---

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

## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : WC0896357      **Received** : 16 Apr 2024  
**Lab Number** : 02629259      **Tested** : 17 Apr 2024  
**Unique Number** : 5762391      **Diagnosed** : 17 Apr 2024 - Wes Davis  
**Test Package** : MOB 1

**STRONGCO EQUIPMENT**  
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 MONCTON, NB  
 CA E1E 1E1  
 Contact: Greg Ward  
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 T: (506)857-8425  
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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.