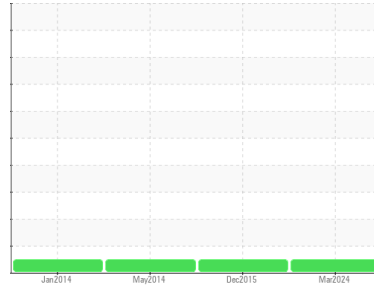




Machine Id  
**VOLVO L110G 8797**  
 Component  
**Front Axle**  
 Fluid  
**VOLVO WB 102 (--- GAL)**



**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 oil.

**Fluid Condition**

The condition of the oil is acceptable for the time in service.

**SAMPLE INFORMATION** method limit/base current history1 history2

Sample Number	Client Info	<b>VCP389497</b>	VCP169520	VCE169363
Sample Date	Client Info	<b>17 Mar 2024</b>	11 Dec 2015	12 May 2014
Machine Age	hrs	<b>11633</b>	3217	2000
Oil Age	hrs	<b>2750</b>	0	1000
Oil Changed	Client Info	<b>N/A</b>	N/A	Changed
Sample Status		<b>NORMAL</b>	NORMAL	NORMAL

**CONTAMINATION** method limit/base current history1 history2

Water	WC Method	>0.2	<b>NEG</b>	NEG	NEG
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**PHYSICAL PROPERTIES** method limit/base current history1 history2

Visc @ 40°C	cSt	ASTM D445	55	<b>39.9</b>	49.88	39.98
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**SULFUR CONTENT** method limit/base current history1 history2

Sulfur	ppm	ASTM D5185m		<b>4413</b>	2178	3065
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**CONTAMINANTS** method limit/base current history1 history2

Silicon	ppm	ASTM D5185m	<1.0	<b>27</b>	9	12
Sodium	ppm	ASTM D5185m	<0.1	<b>10</b>	1	1
Potassium	ppm	ASTM D5185m	<0.1	<b>0</b>	0	2

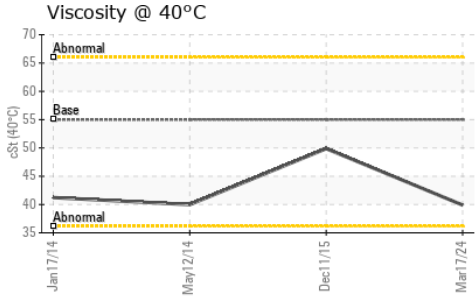
**HEAVY METALS** method limit/base current history1 history2

Aluminum	ppm	ASTM D5185m	<0.1	<b>1</b>	<1	<1
Nickel	ppm	ASTM D5185m	<0.1	<b>0</b>	<1	<1
Lead	ppm	ASTM D5185m	<0.1	<b>0</b>	0	0
Vanadium	ppm	ASTM D5185m	<0.1	<b>0</b>	0	0
Iron	ppm	ASTM D5185m	<0.1	<b>65</b>	54	75
Calcium	ppm	ASTM D5185m	<0.1	<b>4024</b>	1862	3147
Magnesium	ppm	ASTM D5185m	<0.1	<b>11</b>	5	7
Phosphorus	ppm	ASTM D5185m	<0.1	<b>1299</b>	720	1138
Zinc	ppm	ASTM D5185m	<0.1	<b>1619</b>	872	1301

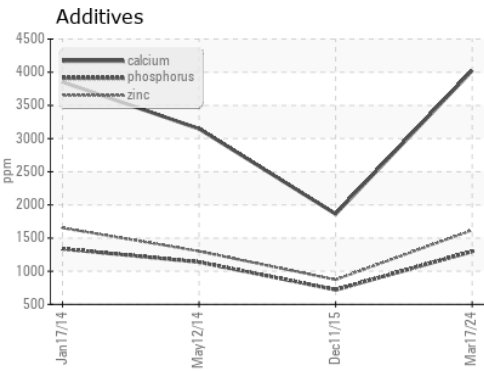
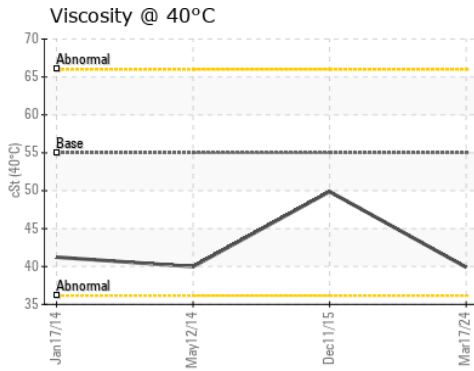
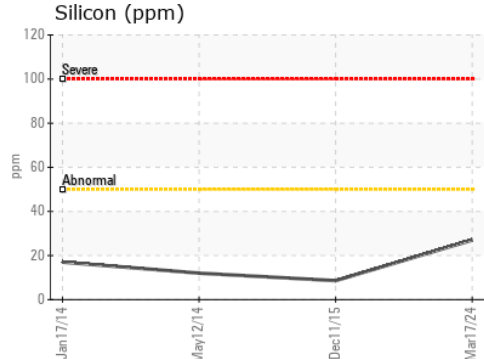
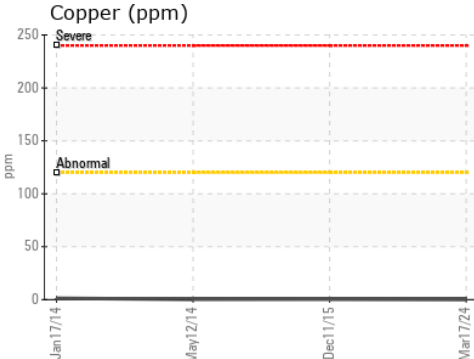
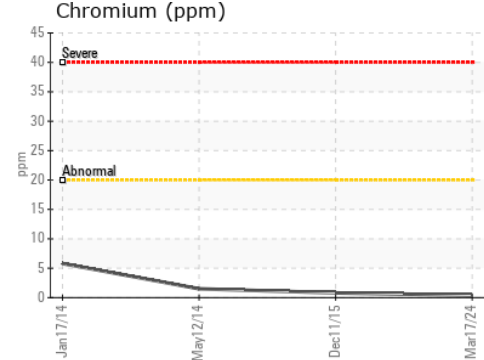
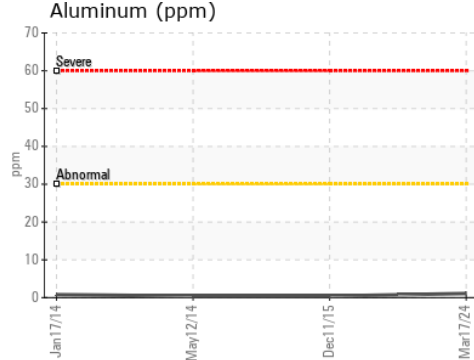
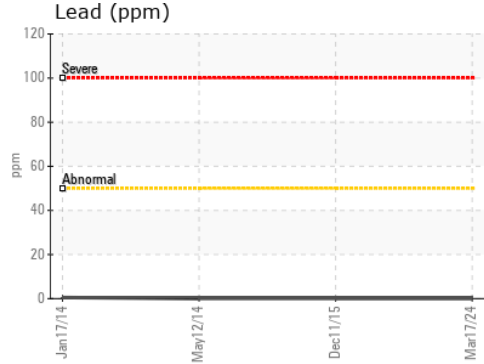
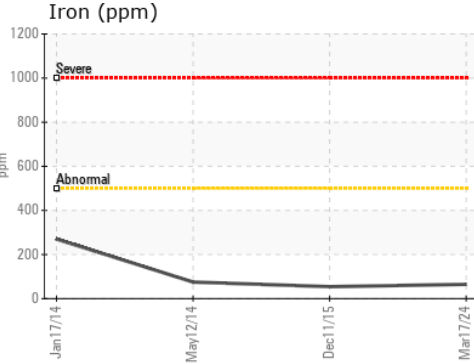
**SAMPLE IMAGES** method limit/base current history1 history2

Color				<i>no image</i>	<i>no image</i>	<i>no image</i>
Bottom				<i>no image</i>	<i>no image</i>	<i>no image</i>

# FUEL REPORT



## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : VCP389497      **Received** : 02 Apr 2024  
**Lab Number** : **06136645**      **Tested** : 03 Apr 2024  
**Unique Number** : 10956110      **Diagnosed** : 03 Apr 2024 - Wes Davis  
**Test Package** : MOB 1

**SODERBERG CONSTRUCTION**  
 460 YORK STREET  
 CARIBOU, ME  
 US 04736  
 Contact: GREG LANDEEN  
 glandeen@mf.net  
 T: (207)498-6300  
 F: (207)498-6535

To discuss this sample report, contact Customer Service at 1-800-237-1369.  
 \* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.  
 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)