



# VOLVO

## OIL ANALYSIS REPORT

WEAR	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
FLUID CONDITION	<b>NORMAL</b>

Area

**CRH BETON PROVINCIAL [BT403221]**

Machine Id

**VOLVO L120H 633495**

Component

**Rear Axle**

Fluid

**VOLVO WB 102 (--- GAL)**



### RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>VCP430117</b>	---	---
Sample Date		Client Info		<b>08 Jun 2024</b>	---	---
Machine Age	hrs	Client Info		<b>1251</b>	---	---
Oil Age	hrs	Client Info		<b>0</b>	---	---
Filter Age	hrs	Client Info		<b>0</b>	---	---
Oil Changed		Client Info		<b>Changed</b>	---	---
Filter Changed		Client Info		<b>N/A</b>	---	---
Sample Status				<b>NORMAL</b>	---	---

### WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185(m)	>500	<b>297</b>	---	---
Chromium	ppm	ASTM D5185(m)	>20	<b>4</b>	---	---
Nickel	ppm	ASTM D5185(m)	>10	<b>1</b>	---	---
Titanium	ppm	ASTM D5185(m)		<b>&lt;1</b>	---	---
Silver	ppm	ASTM D5185(m)		<b>0</b>	---	---
Aluminum	ppm	ASTM D5185(m)	>30	<b>&lt;1</b>	---	---
Lead	ppm	ASTM D5185(m)	>50	<b>0</b>	---	---
Copper	ppm	ASTM D5185(m)	>120	<b>2</b>	---	---
Tin	ppm	ASTM D5185(m)	>20	<b>0</b>	---	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	---	---
White Metal	scalar	Visual*	NONE	<b>VLITE</b>	---	---
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	---	---

### CONTAMINATION

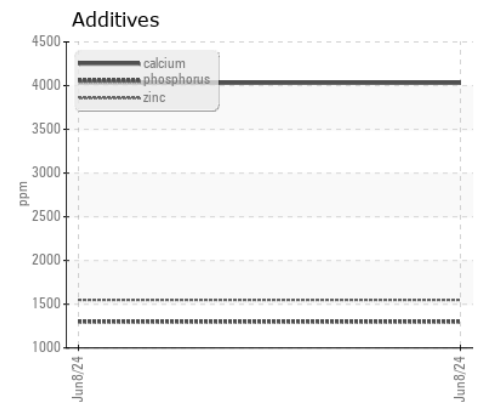
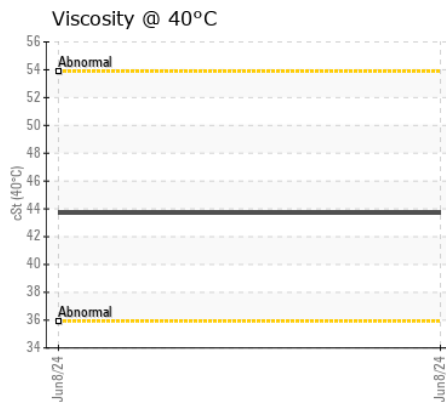
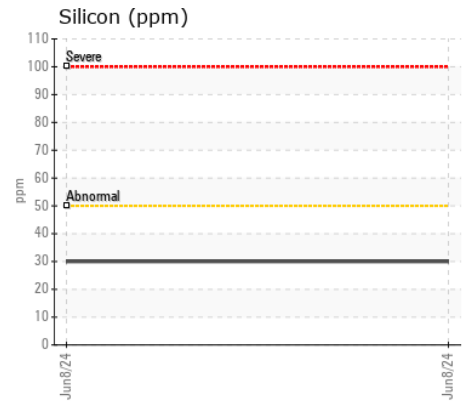
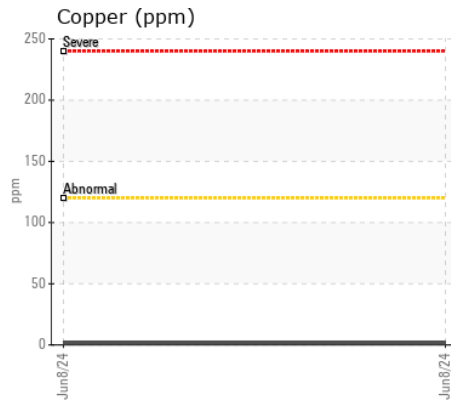
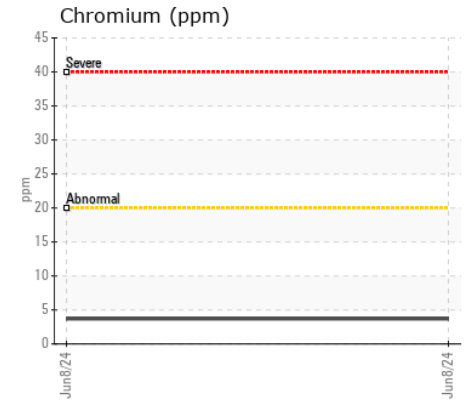
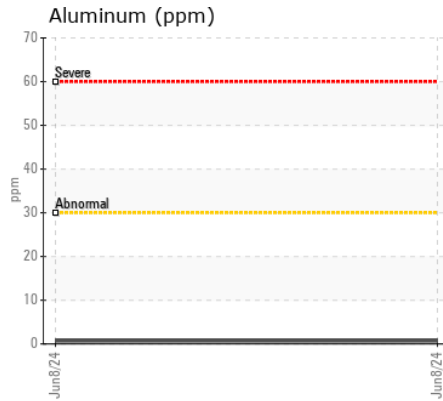
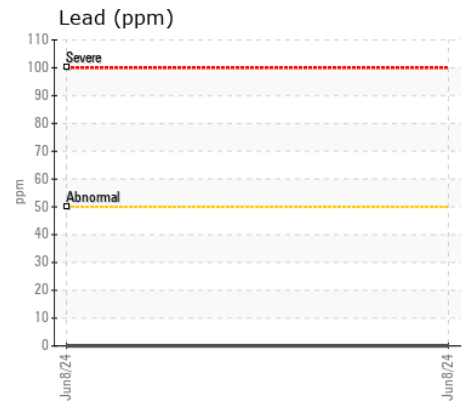
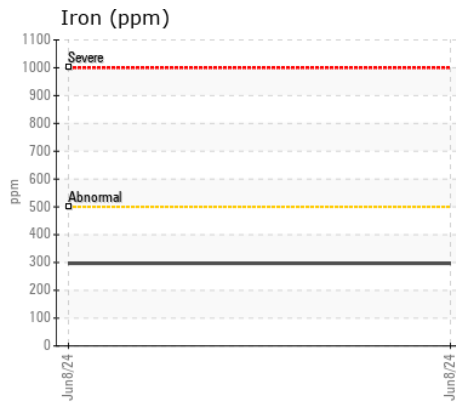
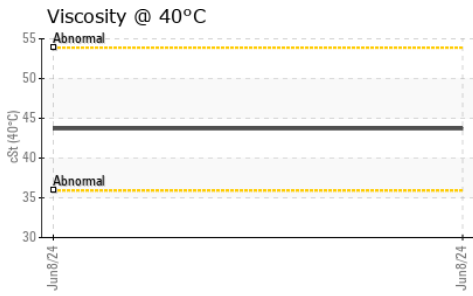
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185(m)	>50	<b>30</b>	---	---
Potassium	ppm	ASTM D5185(m)	>20	<b>35</b>	---	---
Water		WC Method	>0.2	<b>NEG</b>	---	---
Silt	scalar	Visual*	NONE	<b>NONE</b>	---	---
Debris	scalar	Visual*	NONE	<b>NONE</b>	---	---
Sand/Dirt	scalar	Visual*	NONE	<b>NONE</b>	---	---
Appearance	scalar	Visual*	NORML	<b>NORML</b>	---	---
Odor	scalar	Visual*	NORML	<b>NORML</b>	---	---
Emulsified Water	scalar	Visual*	>0.2	<b>NEG</b>	---	---

### FLUID CONDITION

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

Sodium	ppm	ASTM D5185(m)		<b>13</b>	---	---
Boron	ppm	ASTM D5185(m)		<b>116</b>	---	---
Barium	ppm	ASTM D5185(m)		<b>1</b>	---	---
Molybdenum	ppm	ASTM D5185(m)		<b>8</b>	---	---
Manganese	ppm	ASTM D5185(m)		<b>11</b>	---	---
Magnesium	ppm	ASTM D5185(m)		<b>12</b>	---	---
Calcium	ppm	ASTM D5185(m)		<b>4030</b>	---	---
Phosphorus	ppm	ASTM D5185(m)		<b>1300</b>	---	---
Zinc	ppm	ASTM D5185(m)		<b>1549</b>	---	---
Sulfur	ppm	ASTM D5185(m)		<b>3200</b>	---	---
Visc @ 40°C	cSt	ASTM D7279(m)		<b>43.7</b>	---	---



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : VCP430117 **Received** : 13 Jun 2024  
**Lab Number** : 02641826 **Tested** : 13 Jun 2024  
**Unique Number** : 5799365 **Diagnosed** : 13 Jun 2024 - Wes Davis  
**Test Package** : MOB 1

**STRONGCO EQUIPMENT**  
 4535 LOUIS B MAYER  
 LAVAL, QC  
 CA H7P 6B5  
 Contact: Marco Castura  
 mcastura@strongco.com  
 T:  
 F: (450)686-0703

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.