



# VOLVO

## OIL ANALYSIS REPORT

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



Machine Id  
**VOLVO L120H 633400**  
Component  
**Rear Axle**  
Fluid  
**VOLVO WB 102 (--- GAL)**

### RECOMMENDATION

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor.

### WEAR

All component wear rates are normal.

### CONTAMINATION

Moderate concentration of visible dirt/debris present in the oil.

### FLUID CONDITION

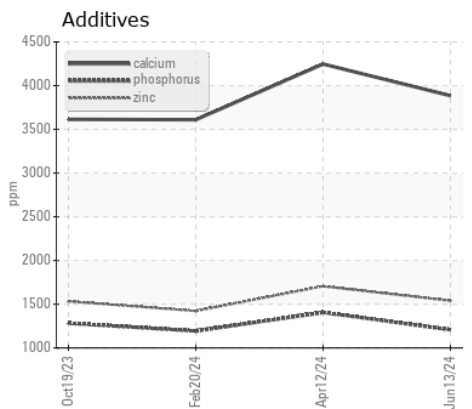
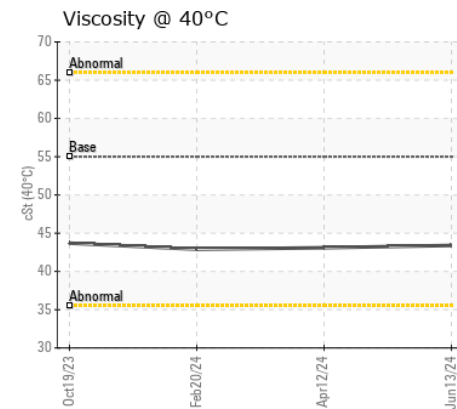
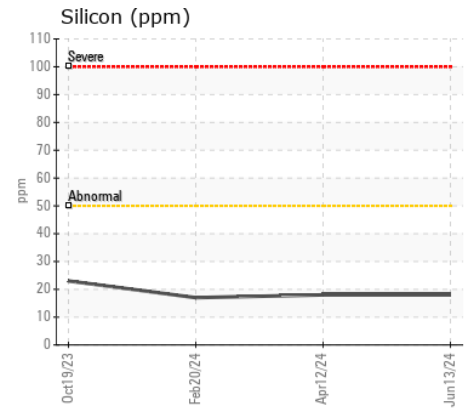
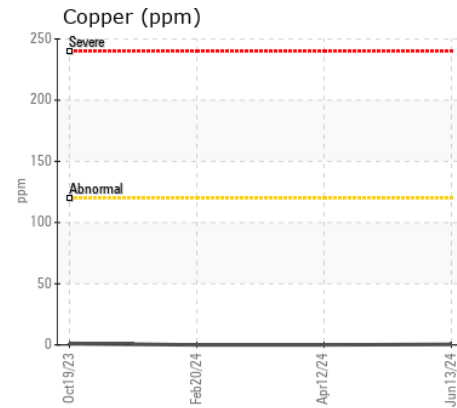
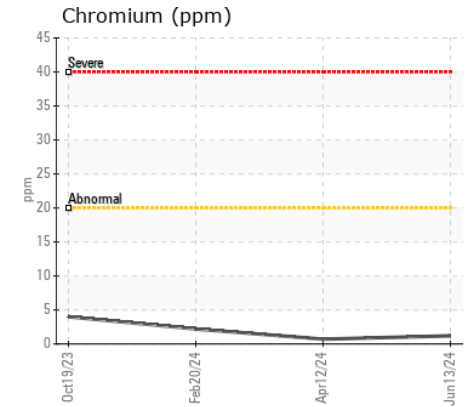
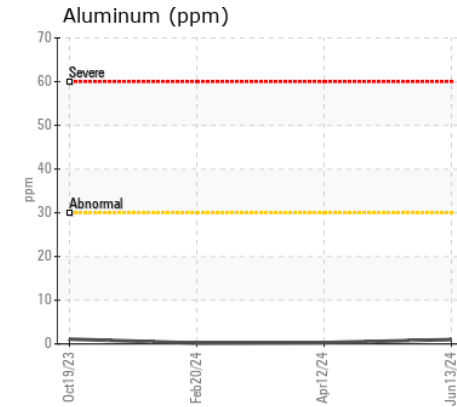
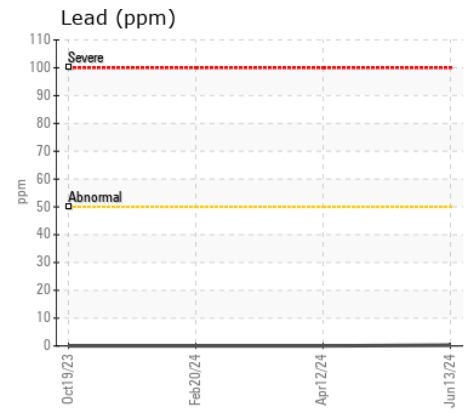
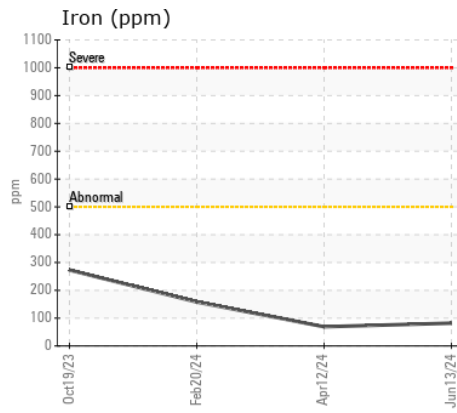
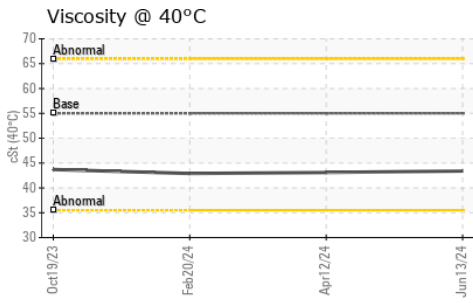
The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>VCP443999</b>	VCP438893	VCP437226
Sample Date		Client Info		<b>13 Jun 2024</b>	12 Apr 2024	20 Feb 2024
Machine Age	hrs	Client Info		<b>3134</b>	0	2033
Oil Age	hrs	Client Info		<b>0</b>	0	0
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Changed</b>	Changed	Changed
Filter Changed		Client Info		<b>Not Changed</b>	Not Changed	N/A
Sample Status				<b>ABNORMAL</b>	NORMAL	NORMAL

Iron	ppm	ASTM D5185m	>500	<b>82</b>	69	158
Chromium	ppm	ASTM D5185m	>20	<b>1</b>	<1	2
Nickel	ppm	ASTM D5185m	>10	<b>0</b>	0	0
Titanium	ppm	ASTM D5185m		<b>0</b>	0	0
Silver	ppm	ASTM D5185m		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>30	<b>1</b>	<1	<1
Lead	ppm	ASTM D5185m	>50	<b>&lt;1</b>	0	0
Copper	ppm	ASTM D5185m	>120	<b>&lt;1</b>	0	0
Tin	ppm	ASTM D5185m	>20	<b>0</b>	<1	0
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	0
White Metal	scalar	*Visual	NONE	<b>MODER</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

Silicon	ppm	ASTM D5185m	>50	<b>18</b>	18	17
Potassium	ppm	ASTM D5185m	>20	<b>0</b>	0	0
Water		WC Method	>0.2	<b>NEG</b>	NEG	NEG
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>MODER</b>	LIGHT	NONE
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	*Visual	>0.2	<b>NEG</b>	NEG	NEG

Sodium	ppm	ASTM D5185m		<b>2</b>	1	3
Boron	ppm	ASTM D5185m		<b>121</b>	149	123
Barium	ppm	ASTM D5185m		<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m		<b>2</b>	2	5
Manganese	ppm	ASTM D5185m		<b>3</b>	3	6
Magnesium	ppm	ASTM D5185m		<b>17</b>	19	16
Calcium	ppm	ASTM D5185m		<b>3885</b>	4247	3610
Phosphorus	ppm	ASTM D5185m		<b>1208</b>	1406	1194
Zinc	ppm	ASTM D5185m		<b>1540</b>	1706	1422
Sulfur	ppm	ASTM D5185m		<b>3992</b>	4302	3298
Visc @ 40°C	cSt	ASTM D445	55	<b>43.4</b>	43.1	42.9



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513

**Sample No.** : VCP443999

**Lab Number** : 06221604

**Unique Number** : 11099801

**Test Package** : MOB 1

**Received** : 26 Jun 2024

**Tested** : 27 Jun 2024

**Diagnosed** : 28 Jun 2024 - Angela Borella

**CITY CARTING**

221 OLD GATE LN

MILFORD, CT

US 06460

Contact: TAVINS BANKS

tavins@citycart.net

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F:

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)