



# VOLVO

## OIL ANALYSIS REPORT

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



Machine Id  
**VOLVO L120H 632105**  
Component  
**Front Axle**  
Fluid  
**VOLVO WB 102 (--- GAL)**

### RECOMMENDATION

Resample at the next service interval to monitor.

### WEAR

All component wear rates are normal.

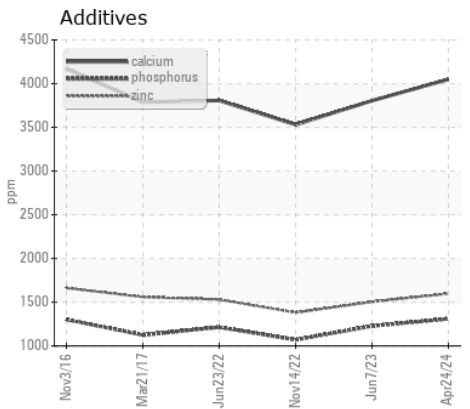
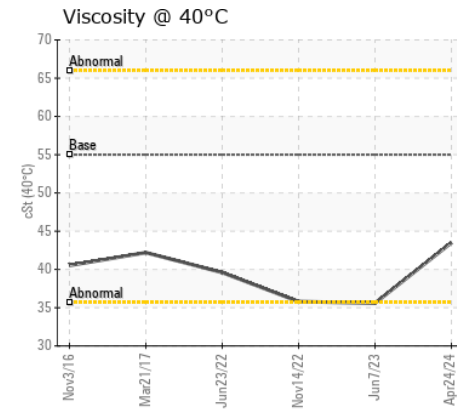
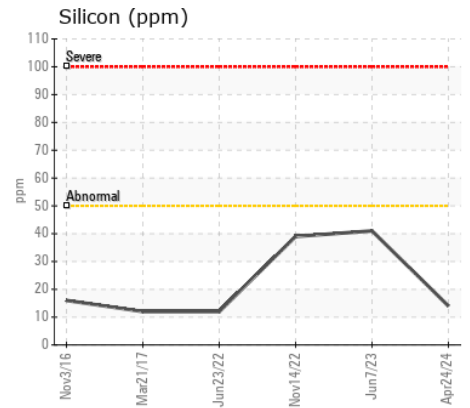
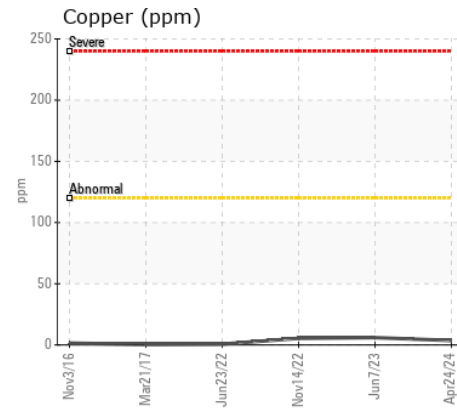
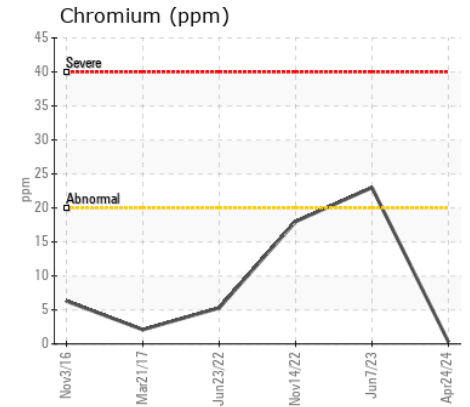
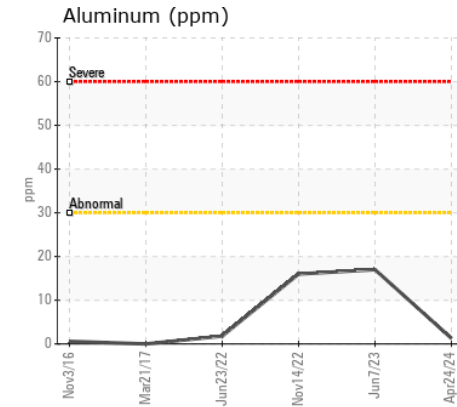
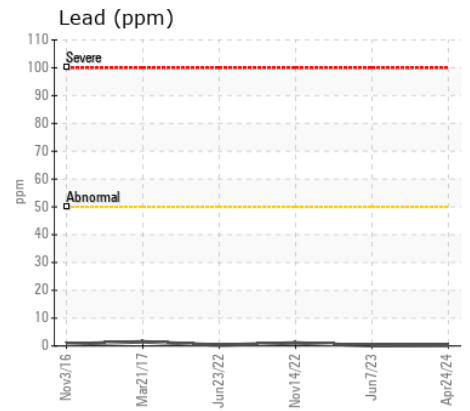
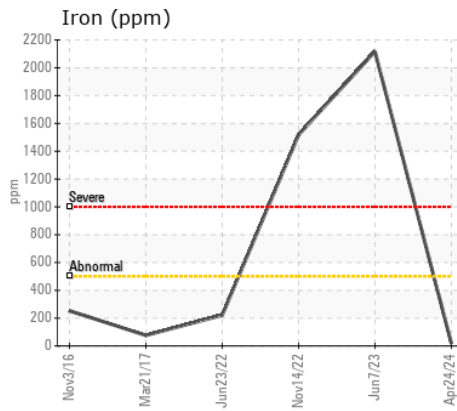
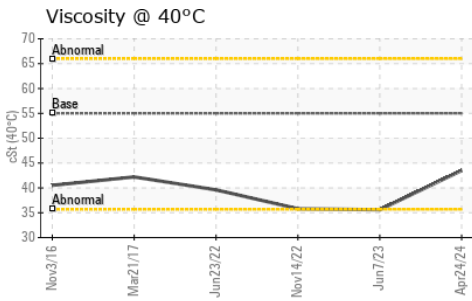
### CONTAMINATION

There is no indication of any contamination in the oil.

### FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>VCP444340</b>	VCP393543	VCP385131
Sample Date		Client Info		<b>24 Apr 2024</b>	07 Jun 2023	14 Nov 2022
Machine Age	hrs	Client Info		<b>19559</b>	18030	16686
Oil Age	hrs	Client Info		<b>0</b>	8000	8000
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Not Changed</b>	Changed	Not Changed
Filter Changed		Client Info		<b>Not Changed</b>	Changed	Not Changed
Sample Status				<b>NORMAL</b>	SEVERE	SEVERE
Iron	ppm	ASTM D5185m	>500	<b>18</b>	▲ 2116	▲ 1518
Chromium	ppm	ASTM D5185m	>20	<b>&lt;1</b>	▲ 23	18
Nickel	ppm	ASTM D5185m	>10	<b>0</b>	▲ 19	▲ 13
Titanium	ppm	ASTM D5185m		<b>0</b>	2	2
Silver	ppm	ASTM D5185m		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>30	<b>1</b>	17	16
Lead	ppm	ASTM D5185m	>50	<b>&lt;1</b>	<1	1
Copper	ppm	ASTM D5185m	>120	<b>4</b>	6	5
Tin	ppm	ASTM D5185m	>20	<b>&lt;1</b>	0	2
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	0	<1
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Silicon	ppm	ASTM D5185m	>50	<b>14</b>	41	39
Potassium	ppm	ASTM D5185m	>20	<b>1</b>	3	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>NONE</b>	NONE	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>	0	5
Boron	ppm	ASTM D5185m		<b>133</b>	131	116
Barium	ppm	ASTM D5185m		<b>&lt;1</b>	0	0
Molybdenum	ppm	ASTM D5185m		<b>&lt;1</b>	4	3
Manganese	ppm	ASTM D5185m		<b>&lt;1</b>	24	17
Magnesium	ppm	ASTM D5185m		<b>15</b>	21	25
Calcium	ppm	ASTM D5185m		<b>4049</b>	3805	3530
Phosphorus	ppm	ASTM D5185m		<b>1310</b>	1228	1070
Zinc	ppm	ASTM D5185m		<b>1598</b>	1505	1381
Sulfur	ppm	ASTM D5185m		<b>4809</b>	4019	4057
Visc @ 40°C	cSt	ASTM D445	55	<b>43.5</b>	35.6	35.8



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : VCP444340 **Received** : 30 May 2024  
**Lab Number** : 06195794 **Tested** : 31 May 2024  
**Unique Number** : 11057917 **Diagnosed** : 31 May 2024 - Wes Davis  
**Test Package** : MOB 1

**OLDCASTLE LAWN AND GARDEN**  
 2427 RWS RANCH RD  
 DAVENPORT, FL  
 US 33837  
 Contact: DAVID ORTIZ  
 david.ortiz@oldcastle.com  
 T: (800)833-2984  
 F: (863)421-1776

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)