



# CONSTRUCTION EQUIPMENT

## 13918 AMERICAN HW VOLVO L60H 622453 - FRONT AXLE



**Sample No:** VCP411509  
**Oil Type:** VOLVO WB 102  
**Job No:** 13918 AMERICAN HW



### SAMPLE INFORMATION

Sample Number	<b>VCP411509</b>	VCP375954	VCP312543	---
Sample Date	<b>04 Dec 2023</b>	11 Jul 2022	12 Nov 2021	---
Machine Hours	<b>7950</b>	4133	2289	---
Oil Hours	<b>2000</b>	2000	0	---
Oil Changed	<b>Changed</b>	Changed	Changed	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---

**MCCLUNG-LOGAN EQUIPMENT CO - RICHMOND**  
 1345 MOUNTAIN ROAD  
 GLEN ALLEN, VA  
 US 23060  
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### OIL CONDITION

Visc @ 40°C	cSt	<b>42.5</b>	42.2	40.0	---
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### CONTAMINATION

Water	%	<b>NEG</b>	NEG	NEG	---
Silicon	ppm	<b>14</b>	19	12	---
Sodium	ppm	<b>10</b>	11	10	---
Potassium	ppm	<b>0</b>	0	0	---

### Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



### WEAR METALS

Iron	ppm	<b>65</b>	72	138	---
Copper	ppm	<b>&lt;1</b>	<1	1	---
Lead	ppm	<b>0</b>	<1	0	---
Tin	ppm	<b>0</b>	<1	0	---
Aluminum	ppm	<b>&lt;1</b>	2	1	---
Chromium	ppm	<b>2</b>	2	5	---
Molybdenum	ppm	<b>0</b>	1	3	---
Nickel	ppm	<b>0</b>	0	0	---
Titanium	ppm	<b>0</b>	<1	<1	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>3</b>	4	10	---
Vanadium	ppm	<b>0</b>	0	0	---



### ADDITIVES

Calcium	ppm	<b>3838</b>	3322	4055	---
Magnesium	ppm	<b>18</b>	17	10	---
Zinc	ppm	<b>1644</b>	1616	1456	---
Phosphorus	ppm	<b>1339</b>	1332	1300	---
Barium	ppm	<b>0</b>	0	0	---
Boron	ppm	<b>129</b>	131	147	---

**Depot:** VOLVO8882  
**Unique No:** 10779526  
**Signed:** Wes Davis  
**Report Date:** 11 Dec 2023



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## GRAPHS

