



# CONSTRUCTION EQUIPMENT

W215226 VOLVO L60H 621480 - FRONT AXLE



**Sample No:** VCP303785  
**Oil Type:** VOLVO WB 102  
**Job No:** W215226



## SAMPLE INFORMATION

Sample Number	<b>VCP303785</b>	VCP258244	VCP235398	---
Sample Date	<b>15 Apr 2021</b>	30 Oct 2019	14 Dec 2018	---
Machine Hours	<b>2934</b>	1992	1031	---
Oil Hours	<b>2900</b>	1992	1000	---
Oil Changed	<b>Not Chngd</b>	Changed	Not Chngd	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---

**ULSTER COUNTY RESOURCE RECOVERY AGENCY**  
 999 FLATBUSH AVE  
 KINGSTON, NY  
 US 12401  
 Contact: CHARLES WHITTAKER  
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 T: (845)399-2686  
 F:



## OIL CONDITION

Visc @ 40°C	cSt	<b>40.4</b>	40.3	56.23	---
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## CONTAMINATION

Water	%	<b>NEG</b>	NEG	NEG	---
Silicon	ppm	<b>17</b>	8	14	---
Sodium	ppm	<b>4</b>	2	3	---
Potassium	ppm	<b>&lt;1</b>	0	7	---

## 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>60</b>	75	132	---
Copper	ppm	<b>21</b>	1	1	---
Lead	ppm	<b>&lt;1</b>	0	0	---
Tin	ppm	<b>3</b>	0	0	---
Aluminum	ppm	<b>1</b>	<1	<1	---
Chromium	ppm	<b>2</b>	2	5	---
Molybdenum	ppm	<b>1</b>	<1	3	---
Nickel	ppm	<b>&lt;1</b>	<1	<1	---
Titanium	ppm	<b>&lt;1</b>	0	1	---
Silver	ppm	<b>&lt;1</b>	0	0	---
Manganese	ppm	<b>2</b>	3	8	---
Vanadium	ppm	<b>&lt;1</b>	0	0	---



## ADDITIVES

Calcium	ppm	<b>4281</b>	3922	4182	---
Magnesium	ppm	<b>14</b>	7	10	---
Zinc	ppm	<b>1654</b>	1546	1658	---
Phosphorus	ppm	<b>1353</b>	1267	1204	---
Barium	ppm	<b>0</b>	0	0	---
Boron	ppm	<b>136</b>	114	117	---

**Depot:** ULSKIN  
**Unique No:** 9514962  
**Signed:** Wes Davis  
**Report Date:** 24 May 2021



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## GRAPHS

