



# CONSTRUCTION EQUIPMENT

## A12458 VOLVO L60H 62331 - REAR AXLE



**Sample No:** VCP438199  
**Oil Type:** MOBIL WB 102  
**Job No:** A12458



### SAMPLE INFORMATION

Sample Number	<b>VCP438199</b>	VCP430923	VCP430376	---
Sample Date	<b>11 Apr 2024</b>	22 Nov 2023	25 Sep 2023	---
Machine Hours	<b>2095</b>	1065	580	---
Oil Hours	<b>1100</b>	1065	0	---
Oil Changed	<b>Changed</b>	Changed	N/A	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---

### COVANTA ENERGY

10 HIGHLAND AVE  
 CHESTER, PA  
 US 19013  
 Contact: LOADER SHOP  
 jacoles@covantaenergy.com  
 T: (610)497-8115  
 F: (610)497-8042



### OIL CONDITION

Visc @ 40°C	cSt	<b>42.9</b>	41.8	41.8	---
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### CONTAMINATION

Water	%	<b>NEG</b>	NEG	NEG	---
Silicon	ppm	<b>10</b>	17	22	---
Sodium	ppm	<b>1</b>	5	3	---
Potassium	ppm	<b>1</b>	<1	2	---

### 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>80</b>	267	77	---
Copper	ppm	<b>2</b>	26	<1	---
Lead	ppm	<b>1</b>	0	<1	---
Tin	ppm	<b>1</b>	2	0	---
Aluminum	ppm	<b>2</b>	1	6	---
Chromium	ppm	<b>2</b>	5	4	---
Molybdenum	ppm	<b>5</b>	6	4	---
Nickel	ppm	<b>&lt;1</b>	2	<1	---
Titanium	ppm	<b>&lt;1</b>	0	<1	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>3</b>	12	7	---
Vanadium	ppm	<b>&lt;1</b>	0	0	---



### ADDITIVES

Calcium	ppm	<b>3266</b>	4010	4104	---
Magnesium	ppm	<b>57</b>	12	14	---
Zinc	ppm	<b>1363</b>	1560	1734	---
Phosphorus	ppm	<b>1100</b>	1267	1433	---
Barium	ppm	<b>0</b>	0	0	---
Boron	ppm	<b>99</b>	134	144	---

**Depot:** COVCHE  
**Unique No:** 10991854  
**Signed:** Wes Davis  
**Report Date:** 23 Apr 2024



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## GRAPHS

