



# CONSTRUCTION EQUIPMENT

## A12361 VOLVO L60H 622780 - FRONT AXLE



**Sample No:** VCP432340  
**Oil Type:** MOBIL WB 102  
**Job No:** A12361



### SAMPLE INFORMATION

Sample Number	<b>VCP432340</b>	VCP431242	VCP398884	VCP400360
Sample Date	<b>27 Mar 2024</b>	13 Nov 2023	05 May 2023	20 Dec 2022
Machine Hours	<b>6530</b>	5415	3870	2340
Oil Hours	<b>2000</b>	1000	1000	1200
Oil Changed	<b>Changed</b>	Not Changd	Not Changd	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

**COVANTA METAL MARKETING LLC**  
 500 MIDDLE DR  
 FAIRLESS HILLS, PA  
 US 19030  
 Contact: J.P.



### OIL CONDITION

Visc @ 40°C	cSt	<b>43.5</b>	43.6	43.9	43.0
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T:  
F:



### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>13</b>	10	14	16
Sodium	ppm	<b>2</b>	1	0	<1
Potassium	ppm	<b>0</b>	<1	1	1

### 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>68</b>	29	28	44
Copper	ppm	<b>&lt;1</b>	0	0	<1
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>&lt;1</b>	1	<1	<1
Chromium	ppm	<b>2</b>	<1	<1	2
Molybdenum	ppm	<b>3</b>	2	4	<1
Nickel	ppm	<b>0</b>	<1	0	0
Titanium	ppm	<b>&lt;1</b>	<1	<1	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>2</b>	1	1	2
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>4178</b>	3603	3897	4362
Magnesium	ppm	<b>58</b>	49	53	14
Zinc	ppm	<b>1742</b>	1606	1590	1677
Phosphorus	ppm	<b>1417</b>	1344	1286	1310
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>125</b>	108	120	127

**Depot:** COVFAI  
**Unique No:** 10969479  
**Signed:** Wes Davis  
**Report Date:** 11 Apr 2024



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## GRAPHS

