



# CONSTRUCTION EQUIPMENT

## A11503 VOLVO L60H 622780 - FRONT AXLE



**Sample No:** VCP431242  
**Oil Type:** MOBIL WB 102  
**Job No:** A11503



### SAMPLE INFORMATION

Sample Number	<b>VCP431242</b>	VCP398884	VCP400360	VCP364158
Sample Date	<b>13 Nov 2023</b>	05 May 2023	20 Dec 2022	19 Sep 2022
Machine Hours	<b>5415</b>	3870	2340	1195
Oil Hours	<b>1000</b>	1000	1200	0
Oil Changed	<b>Not Chngd</b>	Not Chngd	Changed	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>43.6</b>	43.9	43.0	40.8
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T:  
F:



### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>10</b>	14	16	18
Sodium	ppm	<b>1</b>	0	<1	8
Potassium	ppm	<b>&lt;1</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>29</b>	28	44	85
Copper	ppm	<b>0</b>	0	<1	1
Lead	ppm	<b>0</b>	0	0	<1
Tin	ppm	<b>0</b>	0	0	<1
Aluminum	ppm	<b>1</b>	<1	<1	1
Chromium	ppm	<b>&lt;1</b>	<1	2	4
Molybdenum	ppm	<b>2</b>	4	<1	4
Nickel	ppm	<b>&lt;1</b>	0	0	0
Titanium	ppm	<b>&lt;1</b>	<1	0	<1
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>1</b>	1	2	8
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>3603</b>	3897	4362	3765
Magnesium	ppm	<b>49</b>	53	14	12
Zinc	ppm	<b>1606</b>	1590	1677	1522
Phosphorus	ppm	<b>1344</b>	1286	1310	1228
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>108</b>	120	127	148

**Depot:** COVFAI  
**Unique No:** 10765319  
**Signed:** Wes Davis  
**Report Date:** 30 Nov 2023



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## GRAPHS

