



# CONSTRUCTION EQUIPMENT

A11386 VOLVO L120H 633047 - FRONT AXLE



**Sample No:** VCP434313  
**Oil Type:** MOBIL WB 102  
**Job No:** A11386



## SAMPLE INFORMATION

Sample Number	<b>VCP434313</b>	VCP400284	VCP372040	VCP321623
Sample Date	<b>01 Nov 2023</b>	11 Jan 2023	22 Jun 2022	03 Mar 2022
Machine Hours	<b>3400</b>	2042	1061	510
Oil Hours	<b>1000</b>	1000	0	510
Oil Changed	<b>Not Chngd</b>	Changed	Changed	Not Chngd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

## GOURMETS DELIGHT

PO BOX 160  
 AVONDALE, PA  
 US 19311  
 Contact: GABE VALENTINO  
 gabe.valentino@gourmetsfinest.com  
 T: (610)268-3578  
 F: (610)268-2298



## OIL CONDITION

Visc @ 40°C	cSt	<b>44.3</b>	42.3	40.5	40.7
-------------	-----	-------------	------	------	------



## CONTAMINATION

Silicon	ppm	<b>11</b>	16	15	11
Sodium	ppm	<b>&lt;1</b>	6	10	8
Potassium	ppm	<b>&lt;1</b>	0	0	3



## WEAR METALS

Iron	ppm	<b>40</b>	96	250	91
Copper	ppm	<b>0</b>	<1	1	<1
Lead	ppm	<b>0</b>	<1	<1	0
Tin	ppm	<b>&lt;1</b>	<1	<1	0
Aluminum	ppm	<b>1</b>	1	2	2
Chromium	ppm	<b>&lt;1</b>	2	6	3
Molybdenum	ppm	<b>5</b>	4	15	10
Nickel	ppm	<b>0</b>	<1	<1	0
Titanium	ppm	<b>1</b>	<1	<1	<1
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>1</b>	5	13	7
Vanadium	ppm	<b>0</b>	0	0	<1



## ADDITIVES

Calcium	ppm	<b>3776</b>	4545	4030	4070
Magnesium	ppm	<b>0</b>	31	13	5
Zinc	ppm	<b>1683</b>	1649	1623	1718
Phosphorus	ppm	<b>1224</b>	1378	1330	1353
Barium	ppm	<b>0</b>	0	<1	0
Boron	ppm	<b>122</b>	140	128	126

## 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.

**Depot:** GOUAVO  
**Unique No:** 10738398  
**Signed:** Wes Davis  
**Report Date:** 11 Nov 2023



# CONSTRUCTION EQUIPMENT



## GRAPHS

