



# CONSTRUCTION EQUIPMENT

S50402451 VOLVO L90H 625727 - FRONT AXLE



**Sample No:** VCP438496  
**Oil Type:** VOLVO WB 102  
**Job No:** S50402451



## SAMPLE INFORMATION

Sample Number	VCP438496	VCP405420	---	---
Sample Date	10 Jan 2024	09 Feb 2023	---	---
Machine Hours	6000	4059	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

IAA - INSURANCE AUTO AUCTIONS - WESTCHESTER VC  
2 WESTBROOK CORPORATE CENTER STE. 5  
WESTCHESTER, IL  
US 60154  
Contact: BILLY BUTLER



## OIL CONDITION

Visc @ 40°C	cSt	42.4	41.8	---	---
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T: (404)275-6868  
F:



## CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	16	14	---	---
Sodium	ppm	0	4	---	---
Potassium	ppm	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	30	36	---	---
Copper	ppm	7	25	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	2	---	---
Aluminum	ppm	2	2	---	---
Chromium	ppm	<1	1	---	---
Molybdenum	ppm	1	2	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	2	2	---	---
Vanadium	ppm	0	0	---	---



## ADDITIVES

Calcium	ppm	4055	3735	---	---
Magnesium	ppm	15	13	---	---
Zinc	ppm	1620	1518	---	---
Phosphorus	ppm	1432	1190	---	---
Barium	ppm	7	0	---	---
Boron	ppm	141	115	---	---

**Depot:** INSWES  
**Unique No:** 10859949  
**Signed:** Wes Davis  
**Report Date:** 02 Feb 2024



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## VOLVO GRAPHS

