



# CONSTRUCTION EQUIPMENT

## VOLVO L110H 05631970 - FRONT AXLE



**Sample No:** VCP439469  
**Oil Type:** VOLVO WB 101  
**Job No:**



### SAMPLE INFORMATION

Sample Number	VCP439469	VCP294644	---	---
Sample Date	27 Dec 2023	08 Dec 2020	---	---
Machine Hours	4896	1155	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---

**CITY CARTING**  
 221 OLD GATE LN  
 MILFORD, CT  
 US 06460  
 Contact: TAVINS BANKS  
 tavins@citycart.net  
 T: (203)223-3885  
 F:



### OIL CONDITION

Visc @ 40°C	cSt	42.9	40.0	---	---
-------------	-----	------	------	-----	-----



### CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	14	8	---	---
Sodium	ppm	0	7	---	---
Potassium	ppm	2	2	---	---



### WEAR METALS

Iron	ppm	50	190	---	---
Copper	ppm	<1	<1	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	2	0	---	---
Chromium	ppm	1	5	---	---
Molybdenum	ppm	2	12	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	3	12	---	---
Vanadium	ppm	0	0	---	---



### ADDITIVES

Calcium	ppm	4389	3944	---	---
Magnesium	ppm	15	12	---	---
Zinc	ppm	1656	1548	---	---
Phosphorus	ppm	1287	1287	---	---
Barium	ppm	7	0	---	---
Boron	ppm	145	128	---	---

### 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:** CITMILCON  
**Unique No:** 10820283  
**Signed:** Wes Davis  
**Report Date:** 09 Jan 2024



# CONSTRUCTION EQUIPMENT



## GRAPHS

