



# CONSTRUCTION EQUIPMENT

578918 VOLVO L110H 631271 - REAR AXLE



**Sample No:** VCP422141  
**Oil Type:** VOLVO WB 102  
**Job No:** 578918



## SAMPLE INFORMATION

Sample Number	VCP422141	---	---	---
Sample Date	15 Jul 2023	---	---	---
Machine Hours	2251	---	---	---
Oil Hours	1000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

### RIPA AND ASSOCIATES

10149 FISHER AVENUE  
TAMPA, FL  
US 33619  
Contact: ROBERT TURNER  
rturner@ripatampa.com

T:  
F:



## OIL CONDITION

Visc @ 40°C	cSt	█ 40.6	---	---	---
-------------	-----	--------	-----	-----	-----



## CONTAMINATION

Silicon	ppm	█ 13	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ 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	█ 119	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 3	---	---	---
Molybdenum	ppm	█ 3	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 6	---	---	---
Vanadium	ppm	█ 0	---	---	---



## ADDITIVES

Calcium	ppm	█ 3454	---	---	---
Magnesium	ppm	█ 8	---	---	---
Zinc	ppm	█ 1464	---	---	---
Phosphorus	ppm	█ 1235	---	---	---
Barium	ppm	█ 1	---	---	---
Boron	ppm	█ 46	---	---	---

**Depot:** RIPTAM  
**Unique No:** 10602436  
**Signed:** Wes Davis  
**Report Date:** 12 Aug 2023



# CONSTRUCTION EQUIPMENT



## VOLVO GRAPHS

