



# CONSTRUCTION EQUIPMENT

W14501 VOLVO L110H 362575 - REAR AXLE



**Sample No:** VCP404666  
**Oil Type:** VOLVO WB 102  
**Job No:** W14501



## SAMPLE INFORMATION

Sample Number	VCP404666	---	---	---
Sample Date	28 Jul 2023	---	---	---
Machine Hours	494	---	---	---
Oil Hours	500	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

**HOUSBY HEAVY EQUIPMENT, LLC**  
 4410 SE 4 MILE DR  
 ANKENY, IA  
 US 50021  
 Contact: RANDY VANDERLEEST  
 rvanderleest@housby.com  
 T:  
 F: (515)964-2865

## OIL CONDITION

Visc @ 40°C	cSt	█ 41.4	---	---	---
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## CONTAMINATION

Silicon	ppm	█ 22	---	---	---
Sodium	ppm	█ 13	---	---	---
Potassium	ppm	█ 1	---	---	---

## WEAR METALS

Iron	ppm	█ 233	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 4	---	---	---
Molybdenum	ppm	█ 10	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 9	---	---	---
Vanadium	ppm	0	---	---	---

## ADDITIVES

Calcium	ppm	█ 4206	---	---	---
Magnesium	ppm	█ 15	---	---	---
Zinc	ppm	█ 1702	---	---	---
Phosphorus	ppm	█ 1334	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 150	---	---	---

**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:** VOLVO0080  
**Unique No:** 10579418  
**Signed:** Wes Davis  
**Report Date:** 02 Aug 2023



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## GRAPHS

