



# CONSTRUCTION EQUIPMENT

581789 VOLVO L120H 632767 - FRONT AXLE



**Sample No:** VCP416713  
**Oil Type:** VOLVO WB 102  
**Job No:** 581789



## SAMPLE INFORMATION

Sample Number	VCP416713	---	---	---
Sample Date	03 Aug 2023	---	---	---
Machine Hours	4536	---	---	---
Oil Hours	3000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC  
8418 PALM RIVER ROAD  
TAMPA, FL  
US 33619  
Contact: KENNY HANEY  
khaney@flaglerce.com  
T: (813)630-0077  
F: (813)630-2233



## OIL CONDITION

Visc @ 40°C	cSt	■ 43.3	---	---	---
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## CONTAMINATION

Silicon	ppm	■ 16	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ 1	---	---	---

## 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	■ 116	---	---	---
Copper	ppm	■ <1	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	■ 2	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ 3	---	---	---
Vanadium	ppm	■ 0	---	---	---



## ADDITIVES

Calcium	ppm	■ 4291	---	---	---
Magnesium	ppm	■ 12	---	---	---
Zinc	ppm	■ 1732	---	---	---
Phosphorus	ppm	■ 1375	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 156	---	---	---

**Depot:** VOLVO0093  
**Unique No:** 10616433  
**Signed:** Wes Davis  
**Report Date:** 23 Aug 2023



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## GRAPHS

