



# CONSTRUCTION EQUIPMENT

594559 VOLVO L70H 623714 - FRONT AXLE



**Sample No:** VCP412622  
**Oil Type:** VOLVO WB 102  
**Job No:** 594559



## SAMPLE INFORMATION

Sample Number	VCP412622	VCP408207	---	---
Sample Date	16 Aug 2023	29 Mar 2023	---	---
Machine Hours	3333	2744	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---

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## OIL CONDITION

Visc @ 40°C	cSt	█ 47.4	█ 49.0	---	---
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## CONTAMINATION

Silicon	ppm	█ 18	█ 15	---	---
Sodium	ppm	█ 9	█ 7	---	---
Potassium	ppm	█ 0	█ <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	█ 61	█ 50	---	---
Copper	ppm	█ <1	█ <1	---	---
Lead	ppm	█ 0	█ 0	---	---
Tin	ppm	█ 0	█ 0	---	---
Aluminum	ppm	█ 1	█ <1	---	---
Chromium	ppm	█ 2	█ 2	---	---
Molybdenum	ppm	█ 5	█ 5	---	---
Nickel	ppm	█ <1	█ 0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 6	█ 6	---	---
Vanadium	ppm	0	0	---	---



## ADDITIVES

Calcium	ppm	█ 4787	█ 3715	---	---
Magnesium	ppm	█ 33	█ 30	---	---
Zinc	ppm	█ 2040	█ 1581	---	---
Phosphorus	ppm	█ 1603	█ 1240	---	---
Barium	ppm	█ 0	█ <1	---	---
Boron	ppm	█ 170	█ 124	---	---

**Depot:** VOLVO0096  
**Unique No:** 10615334  
**Signed:** Sean Felton  
**Report Date:** 23 Aug 2023



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## GRAPHS

