



# CONSTRUCTION EQUIPMENT

ATLAS ORGANICS VOLVO L70H 624670 - FRONT AXLE



**Sample No:** VCP411621  
**Oil Type:** VOLVO WB 102  
**Job No:** ATLAS ORGANICS



## SAMPLE INFORMATION

Sample Number	VCP411621	---	---	---
Sample Date	18 Sep 2023	---	---	---
Machine Hours	2014	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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## OIL CONDITION

Visc @ 40°C	cSt	█ 41.0	---	---	---
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## CONTAMINATION

Silicon	ppm	█ 26	---	---	---
Sodium	ppm	█ 10	---	---	---
Potassium	ppm	█ 2	---	---	---



## WEAR METALS

Iron	ppm	█ 113	---	---	---
Copper	ppm	█ 42	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 5	---	---	---
Aluminum	ppm	█ 8	---	---	---
Chromium	ppm	█ 4	---	---	---
Molybdenum	ppm	█ 5	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 14	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	█ 4099	---	---	---
Magnesium	ppm	█ 15	---	---	---
Zinc	ppm	█ 1746	---	---	---
Phosphorus	ppm	█ 1433	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 141	---	---	---

## 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:** VOLVO0093  
**Unique No:** 10675864  
**Signed:** Wes Davis  
**Report Date:** 05 Oct 2023



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## GRAPHS

