



# CONSTRUCTION EQUIPMENT

S50601222 VOLVO L120H 632129 - REAR AXLE



**Sample No:** VCP403987  
**Oil Type:** VOLVO WB 102  
**Job No:** S50601222



## SAMPLE INFORMATION

Sample Number	VCP403987	---	---	---
Sample Date	24 Oct 2023	---	---	---
Machine Hours	3800	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

SHAW ENVIRONMENTAL - APTIM GOVT SOLUTIONS  
16406 US 224 EAST  
FINDLAY, OH  
US 45840  
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## OIL CONDITION

Visc @ 40°C	cSt	■ 37.8	---	---	---
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## CONTAMINATION

Silicon	ppm	■ 6	---	---	---
Sodium	ppm	■ 4	---	---	---
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	■ 177	---	---	---
Copper	ppm	■ 1	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ 3	---	---	---
Molybdenum	ppm	■ 3	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 5	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	■ 3536	---	---	---
Magnesium	ppm	■ 6	---	---	---
Zinc	ppm	■ 1484	---	---	---
Phosphorus	ppm	■ 1351	---	---	---
Barium	ppm	■ 20	---	---	---
Boron	ppm	■ 39	---	---	---

**Depot:** SHAFINOH  
**Unique No:** 10722182  
**Signed:** Sean Felton  
**Report Date:** 01 Nov 2023



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## GRAPHS

