



# CONSTRUCTION EQUIPMENT

12645 OLD CASTLE VOLVO L120H 633359 - FRONT AXLE



**Sample No:** VCP453564  
**Oil Type:** VOLVO WB 102  
**Job No:** 12645 OLD CASTLE



**HOFFMAN EQUIPMENT - LIONVILLE**  
120 GORDON DRIVE  
LIONVILLE, PA  
US 19341  
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## SAMPLE INFORMATION

Sample Number	VCP453564	---	---	---
Sample Date	09 May 2024	---	---	---
Machine Hours	3864	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---



## OIL CONDITION

Visc @ 40°C	cSt	█ 40.6	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 17	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 0	---	---	---



## WEAR METALS

Iron	ppm	█ 88	---	---	---
Copper	ppm	█ 5	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 2	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 3	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	█ 3941	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 1612	---	---	---
Phosphorus	ppm	█ 1368	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 131	---	---	---

## 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:** VOLVO8879  
**Unique No:** 11034535  
**Signed:** Wes Davis  
**Report Date:** 20 May 2024



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## GRAPHS

