



# CONSTRUCTION EQUIPMENT

A12561 LIVENGOOD VOLVO A40G 342316 - BOGIE/CENTER AXLE



**Sample No:** VCP452782  
**Oil Type:** MOBIL GO 102  
**Job No:** A12561 LIVENGOOD



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

Sample Number	VCP452782	---	---	---
Sample Date	20 May 2024	---	---	---
Machine Hours	6030	---	---	---
Oil Hours	2000	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---



## OIL CONDITION

Visc @ 40°C	cSt	█ 207	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 8	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 2	---	---	---



## WEAR METALS

Iron	ppm	█ 198	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 4	---	---	---
Molybdenum	ppm	2	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	4	---	---	---
Vanadium	ppm	<1	---	---	---



## ADDITIVES

Calcium	ppm	46	---	---	---
Magnesium	ppm	6	---	---	---
Zinc	ppm	20	---	---	---
Phosphorus	ppm	1497	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	215	---	---	---

## 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:** 11049331  
**Signed:** Don Baldrige  
**Report Date:** 30 May 2024



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## VOLVO GRAPHS

