



# CONSTRUCTION EQUIPMENT

## A11036 LEW VOLVO A40G 342518 - BOGIE/CENTER AXLE



**Sample No:** VCP412355  
**Oil Type:** MOBIL GO 102  
**Job No:** A11036 LEW



### SAMPLE INFORMATION

Sample Number	VCP412355	VCP389505	---	---
Sample Date	14 Sep 2023	18 Oct 2022	---	---
Machine Hours	5000	4365	---	---
Oil Hours	1000	2000	---	---
Oil Changed	Not Changed	Changed	---	---
Sample Status	ATTENTION	ATTENTION	---	---

**HOFFMAN EQUIPMENT - LIONVILLE**  
 120 GORDON DRIVE  
 LIONVILLE, PA  
 US 19341  
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### OIL CONDITION

Visc @ 40°C	cSt	▲ 49.6	▲ 52.3	---	---
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### CONTAMINATION

Silicon	ppm	■ <1	■ 1	---	---
Sodium	ppm	■ 2	■ 1	---	---
Potassium	ppm	■ 1	■ 0	---	---



### WEAR METALS

Iron	ppm	■ 2	■ 21	---	---
Copper	ppm	■ <1	■ 0	---	---
Lead	ppm	■ <1	■ 0	---	---
Tin	ppm	■ <1	■ 0	---	---
Aluminum	ppm	■ 0	■ 0	---	---
Chromium	ppm	■ 0	■ 0	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	■ 0	■ 0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	3	0	---	---
Manganese	ppm	<1	1	---	---
Vanadium	ppm	0	<1	---	---



### ADDITIVES

Calcium	ppm	189	20	---	---
Magnesium	ppm	<1	1	---	---
Zinc	ppm	0	3	---	---
Phosphorus	ppm	1733	2347	---	---
Barium	ppm	0	0	---	---
Boron	ppm	180	303	---	---

### Diagnosis

The oil change at the time of sampling has been noted. 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 oil viscosity is lower than normal. Confirm oil type.

**Depot:** VOLVO8879  
**Unique No:** 10673214  
**Signed:** Don Baldrige  
**Report Date:** 04 Oct 2023



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## GRAPHS

