



# CONSTRUCTION EQUIPMENT

## 534598 GEN ASPHALT VOLVO L90H 623733 - REAR LEFT FINAL DRIVE



**Sample No:** VCP437924  
**Oil Type:** VOLVO WB 102  
**Job No:** 534598 GEN ASPHALT



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC  
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### SAMPLE INFORMATION

Sample Number	VCP437924	---	---	---
Sample Date	15 Apr 2024	---	---	---
Machine Hours	12275	---	---	---
Oil Hours	4000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---



### OIL CONDITION

Visc @ 40°C	cSt	█ 45.6	---	---	---
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### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 20	---	---	---
Sodium	ppm	█ 6	---	---	---
Potassium	ppm	█ 3	---	---	---



### WEAR METALS

Iron	ppm	█ 334	---	---	---
Copper	ppm	▲ 35	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 6	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ 5	---	---	---
Molybdenum	ppm	█ 4	---	---	---
Nickel	ppm	█ 2	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	█ 6	---	---	---
Vanadium	ppm	<1	---	---	---



### ADDITIVES

Calcium	ppm	█ 3814	---	---	---
Magnesium	ppm	█ 33	---	---	---
Zinc	ppm	█ 1517	---	---	---
Phosphorus	ppm	█ 1495	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 196	---	---	---

### Diagnosis

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. The copper level is abnormal. All other 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:** 11036600  
**Signed:** Sean Felton  
**Report Date:** 22 May 2024



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## GRAPHS

