



# CONSTRUCTION EQUIPMENT

## VOLVO L120H 632959 - REAR AXLE



**Sample No:** VCP434487  
**Oil Type:** VOLVO WB 102  
**Job No:**



### SAMPLE INFORMATION

Sample Number	VCP434487	---	---	---
Sample Date	14 Jun 2024	---	---	---
Machine Hours	4230	---	---	---
Oil Hours	1000	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

**LEONARDS CONTRACTING**  
 30850 STEPHENSON HWY  
 MADISON HEIGHTS, MI  
 US 48071  
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### OIL CONDITION

Visc @ 40°C	cSt	█ 40.5	---	---	---
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### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 21	---	---	---
Sodium	ppm	█ 14	---	---	---
Potassium	ppm	█ <1	---	---	---

### Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. 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	▲ 558	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 10	---	---	---
Molybdenum	ppm	█ 15	---	---	---
Nickel	ppm	█ 2	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 18	---	---	---
Vanadium	ppm	<1	---	---	---



### ADDITIVES

Calcium	ppm	█ 3936	---	---	---
Magnesium	ppm	█ 14	---	---	---
Zinc	ppm	█ 1478	---	---	---
Phosphorus	ppm	█ 1261	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 127	---	---	---

**Depot:** LEOMAD  
**Unique No:** 11087938  
**Signed:** Sean Felton  
**Report Date:** 21 Jun 2024



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## GRAPHS

