



# CONSTRUCTION EQUIPMENT

## 2027 VOLVO L120H 633562 - REAR AXLE



**Sample No:** VCP391332  
**Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5  
**Job No:** 2027



### SAMPLE INFORMATION

Sample Number	VCP391332	---	---	---
Sample Date	17 Jun 2024	---	---	---
Machine Hours	530	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

### LEONARDS CONTRACTING

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

Visc @ 40°C	cSt	▲ 41.6	---	---	---
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### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 26	---	---	---
Sodium	ppm	■ 3	---	---	---
Potassium	ppm	■ 1	---	---	---



### WEAR METALS

Iron	ppm	■ 182	---	---	---
Copper	ppm	■ <1	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 1	---	---	---
Chromium	ppm	■ 4	---	---	---
Molybdenum	ppm	■ 14	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 13	---	---	---
Vanadium	ppm	0	---	---	---



### ADDITIVES

Calcium	ppm	● 4061	---	---	---
Magnesium	ppm	■ 15	---	---	---
Zinc	ppm	● 1573	---	---	---
Phosphorus	ppm	■ 1295	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 121	---	---	---

### Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. NOTE: one of two samples received with same ID and sampling date. All component wear rates are normal. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. Additive levels indicate the addition of a different brand, or type of oil. Confirm oil type.

**Depot:** LEOMAD  
**Unique No:** 11099782  
**Signed:** Jonathan Hester  
**Report Date:** 28 Jun 2024



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## VOLVO GRAPHS

