



# CONSTRUCTION EQUIPMENT

## 2011 VOLVO L120G 31453 - FRONT AXLE



**Sample No:** VCP434341  
**Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5  
**Job No:** 2011



### SAMPLE INFORMATION

Sample Number	VCP434341	---	---	---
Sample Date	08 May 2024	---	---	---
Machine Hours	1325	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	NORMAL	---	---	---

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

Visc @ 40°C	cSt	■ 42.5	---	---	---
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### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	17	---	---	---
Sodium	ppm	■ 9	---	---	---
Potassium	ppm	■ 2	---	---	---

### 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.



### WEAR METALS

Iron	ppm	141	---	---	---
Copper	ppm	<1	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	1	---	---	---
Chromium	ppm	3	---	---	---
Molybdenum	ppm	1	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	4	---	---	---
Vanadium	ppm	<1	---	---	---



### ADDITIVES

Calcium	ppm	4220	---	---	---
Magnesium	ppm	17	---	---	---
Zinc	ppm	1671	---	---	---
Phosphorus	ppm	1347	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	136	---	---	---

**Depot:** LEOMAD  
**Unique No:** 11057921  
**Signed:** Wes Davis  
**Report Date:** 31 May 2024

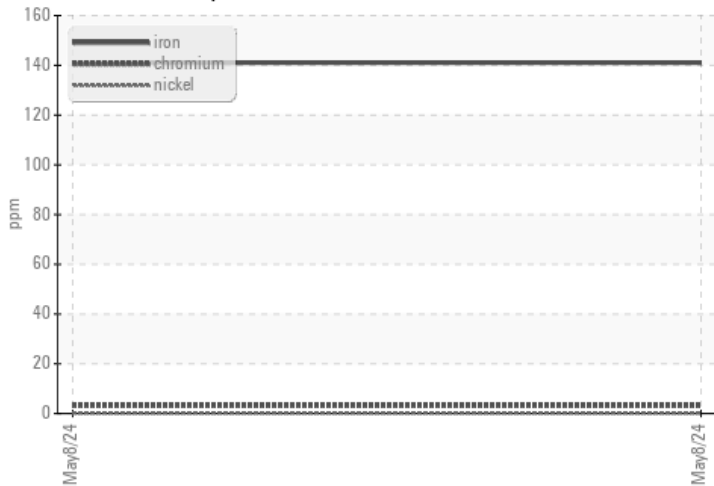


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## GRAPHS

### Ferrous Alloys



### Non-ferrous Metals



### Viscosity @ 40°C

