



# CONSTRUCTION EQUIPMENT

54937 WM VOLVO L90H 626204 - REAR AXLE



**Sample No:** VCP430347  
**Oil Type:** VOLVO WB 102  
**Job No:** 54937 WM



## SAMPLE INFORMATION

Sample Number	VCP430347	---	---	---
Sample Date	07 May 2024	---	---	---
Machine Hours	1435	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

### ALTA EQUIPMENT

5985 COURT STREET ROAD  
 SYRACUSE, NY  
 US 13206  
 Contact: JIM STRIGLE  
 JIM.STRIGLE@ALTG.COM  
 T: (315)437-2611  
 F: (315)434-9471



## OIL CONDITION

Visc @ 40°C	cSt	█ 40.3	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 20	---	---	---
Sodium	ppm	█ 11	---	---	---
Potassium	ppm	█ 1	---	---	---

### 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	▲ 536	---	---	---
Copper	ppm	█ 33	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ 3	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 4	---	---	---
Molybdenum	ppm	█ 9	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 10	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	█ 3937	---	---	---
Magnesium	ppm	█ 13	---	---	---
Zinc	ppm	█ 1705	---	---	---
Phosphorus	ppm	█ 1389	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 134	---	---	---

**Depot:** VOLVO0142  
**Unique No:** 11020315  
**Signed:** Angela Borella  
**Report Date:** 13 May 2024

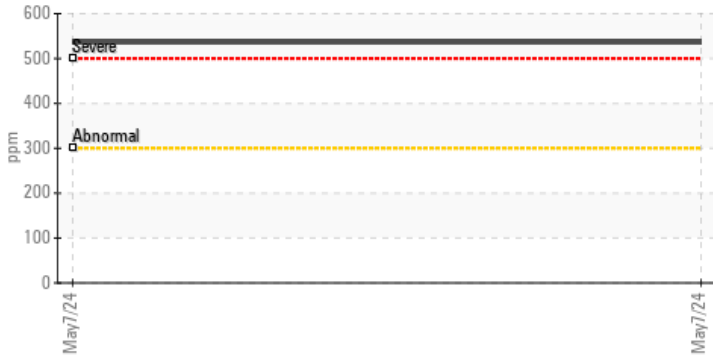


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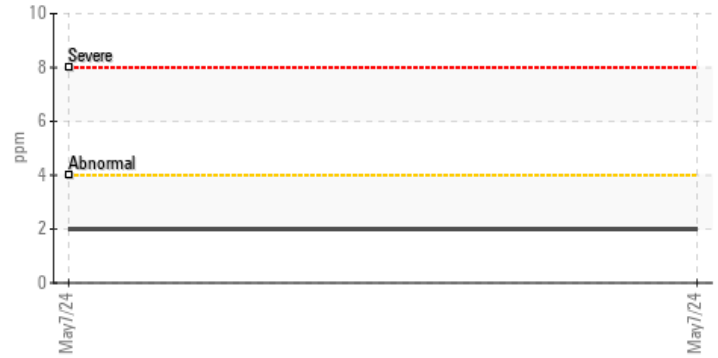


## GRAPHS

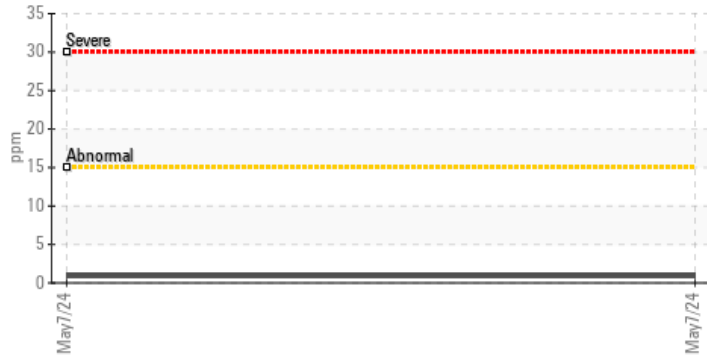
### ▲ Iron (ppm)



### Lead (ppm)



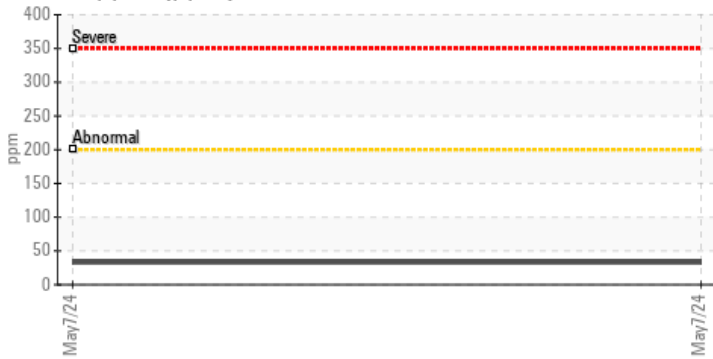
### Aluminum (ppm)



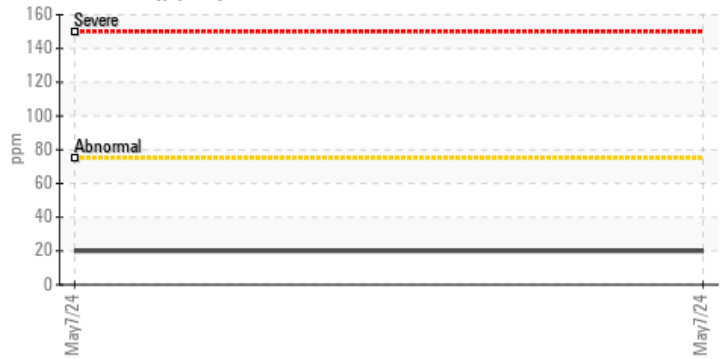
### Chromium (ppm)



### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

