



# CONSTRUCTION EQUIPMENT

A12151 IAA VOLVO L90H 626688 - REAR AXLE



**Sample No:** VCP444100  
**Oil Type:** MOBIL WB 102  
**Job No:** A12151 IAA



**HOFFMAN EQUIPMENT - LIONVILLE**  
120 GORDON DRIVE  
LIONVILLE, PA  
US 19341  
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## SAMPLE INFORMATION

Sample Number	VCP444100	---	---	---
Sample Date	22 Feb 2024	---	---	---
Machine Hours	1155	---	---	---
Oil Hours	1155	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---



## OIL CONDITION

Visc @ 40°C	cSt	█41.0	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█21	---	---	---
Sodium	ppm	█9	---	---	---
Potassium	ppm	█3	---	---	---



## WEAR METALS

Iron	ppm	█71	---	---	---
Copper	ppm	█55	---	---	---
Lead	ppm	█0	---	---	---
Tin	ppm	█4	---	---	---
Aluminum	ppm	█1	---	---	---
Chromium	ppm	█2	---	---	---
Molybdenum	ppm	3	---	---	---
Nickel	ppm	█<1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	6	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	4258	---	---	---
Magnesium	ppm	11	---	---	---
Zinc	ppm	1806	---	---	---
Phosphorus	ppm	1313	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	133	---	---	---

## 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.

**Depot:** VOLVO8879  
**Unique No:** 10901585  
**Signed:** Wes Davis  
**Report Date:** 01 Mar 2024

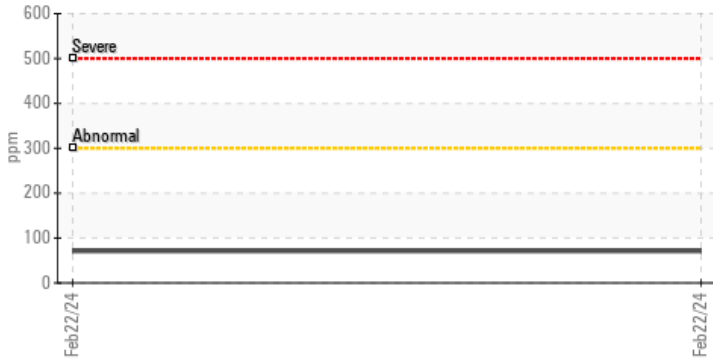


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## GRAPHS

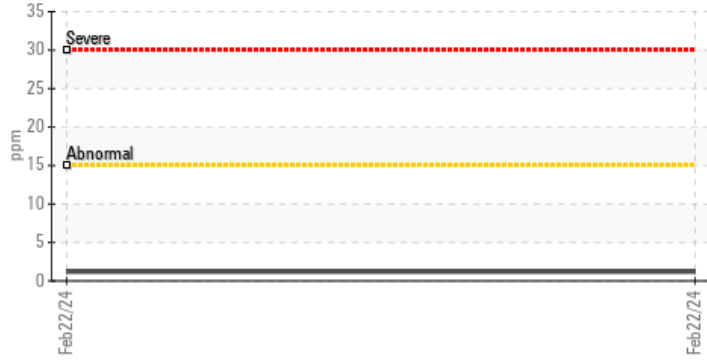
### Iron (ppm)



### Lead (ppm)



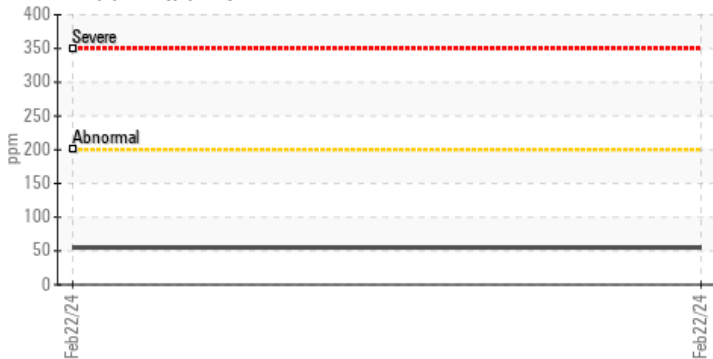
### Aluminum (ppm)



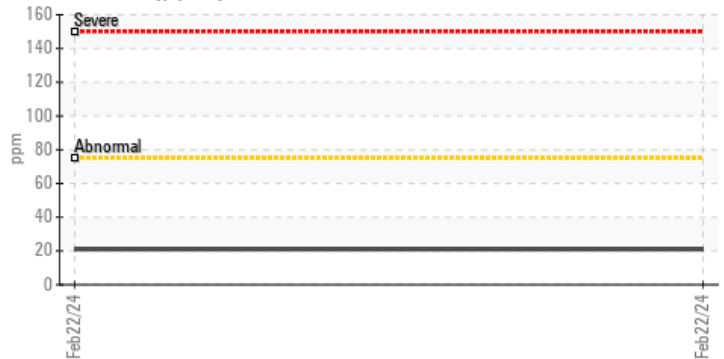
### Chromium (ppm)



### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

