



# CONSTRUCTION EQUIPMENT

## A12804 VOLVO L90H 624901 - FRONT AXLE



**Sample No:** VCP439529  
**Oil Type:** MOBIL WB 102  
**Job No:** A12804



### SAMPLE INFORMATION

Sample Number	<b>VCP439529</b>	VCP405612	---	---
Sample Date	<b>12 Jun 2024</b>	27 Jan 2024	---	---
Machine Hours	<b>9790</b>	9070	---	---
Oil Hours	<b>500</b>	2000	---	---
Oil Changed	<b>Not Changd</b>	Not Changd	---	---
Sample Status	<b>NORMAL</b>	NORMAL	---	---

### WASTE MANAGEMENT - TELFORD

400 PROGRESS DR  
 TELFORD, PA  
 US 18969-1191  
 Contact: EDWARD ROGENER  
 erogener@wm.com  
 T:  
 F:



### OIL CONDITION

Visc @ 40°C	cSt	<b>41.9</b>	41.9	---	---
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### CONTAMINATION

Water	%	<b>NEG</b>	NEG	---	---
Silicon	ppm	<b>12</b>	10	---	---
Sodium	ppm	<b>11</b>	9	---	---
Potassium	ppm	<b>&lt;1</b>	0	---	---

### 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	<b>24</b>	21	---	---
Copper	ppm	<b>&lt;1</b>	0	---	---
Lead	ppm	<b>&lt;1</b>	0	---	---
Tin	ppm	<b>0</b>	0	---	---
Aluminum	ppm	<b>&lt;1</b>	0	---	---
Chromium	ppm	<b>&lt;1</b>	0	---	---
Molybdenum	ppm	<b>1</b>	<1	---	---
Nickel	ppm	<b>0</b>	0	---	---
Titanium	ppm	<b>0</b>	0	---	---
Silver	ppm	<b>0</b>	0	---	---
Manganese	ppm	<b>2</b>	1	---	---
Vanadium	ppm	<b>&lt;1</b>	0	---	---



### ADDITIVES

Calcium	ppm	<b>3925</b>	3832	---	---
Magnesium	ppm	<b>15</b>	14	---	---
Zinc	ppm	<b>1498</b>	1689	---	---
Phosphorus	ppm	<b>1262</b>	1225	---	---
Barium	ppm	<b>0</b>	0	---	---
Boron	ppm	<b>118</b>	136	---	---

**Depot:** WASTEL  
**Unique No:** 11088956  
**Signed:** Wes Davis  
**Report Date:** 22 Jun 2024



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## GRAPHS

