



# CONSTRUCTION EQUIPMENT

A12261 VOLVO L110H 632554 - REAR AXLE



**Sample No:** VCP442293  
**Oil Type:** MOBIL WB 102  
**Job No:** A12261



## SAMPLE INFORMATION

Sample Number	VCP442293	VCP412819	---	---
Sample Date	06 Mar 2024	06 Oct 2023	---	---
Machine Hours	2725	1475	---	---
Oil Hours	2000	1475	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

**HMR ASSOCIATES**  
 PO BOX 485  
 TOUGHKENAMON, PA  
 US 19374  
 Contact: SERVICE MANAGER



## OIL CONDITION

Visc @ 40°C	cSt	48.4	42.3	---	---
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T:  
 F: (610)268-2225



## CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	10	26	---	---
Sodium	ppm	0	2	---	---
Potassium	ppm	2	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	61	294	---	---
Copper	ppm	<1	<1	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	2	0	---	---
Chromium	ppm	2	6	---	---
Molybdenum	ppm	7	17	---	---
Nickel	ppm	<1	2	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	2	13	---	---
Vanadium	ppm	<1	<1	---	---



## ADDITIVES

Calcium	ppm	2824	3521	---	---
Magnesium	ppm	58	13	---	---
Zinc	ppm	1172	1451	---	---
Phosphorus	ppm	883	1232	---	---
Barium	ppm	0	2	---	---
Boron	ppm	90	109	---	---

**Depot:** HMRTOU  
**Unique No:** 10938185  
**Signed:** Wes Davis  
**Report Date:** 21 Mar 2024



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## GRAPHS

