



# CONSTRUCTION EQUIPMENT

## A12259 VOLVO L110H 632555 - REAR AXLE



**Sample No:** VCP409595  
**Oil Type:** MOBIL WB 102  
**Job No:** A12259



### SAMPLE INFORMATION

Sample Number	VCP409595	VCP412612	---	---
Sample Date	06 Mar 2024	03 Oct 2023	---	---
Machine Hours	3345	1760	---	---
Oil Hours	2000	1000	---	---
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	43.1	41.9	---	---
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T:  
 F: (610)268-2225



### CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	10	20	---	---
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	74	228	---	---
Copper	ppm	<1	<1	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	2	0	---	---
Chromium	ppm	2	6	---	---
Molybdenum	ppm	6	14	---	---
Nickel	ppm	<1	2	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	4	16	---	---
Vanadium	ppm	<1	0	---	---



### ADDITIVES

Calcium	ppm	2768	3703	---	---
Magnesium	ppm	58	12	---	---
Zinc	ppm	1146	1579	---	---
Phosphorus	ppm	862	1246	---	---
Barium	ppm	0	2	---	---
Boron	ppm	87	123	---	---

**Depot:** HMRTOU  
**Unique No:** 10938191  
**Signed:** Wes Davis  
**Report Date:** 21 Mar 2024



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## GRAPHS

