



# CONSTRUCTION EQUIPMENT

CHARAH VOLVO L110H 632156 - REAR AXLE



**Sample No:** VCP435580  
**Oil Type:** DIESEL ENGINE OIL SAE 15W40  
**Job No:** CHARAH



## SAMPLE INFORMATION

Sample Number	VCP435580	---	---	---
Sample Date	19 Dec 2023	---	---	---
Machine Hours	2948	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

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## OIL CONDITION

Visc @ 40°C	cSt	█ 42.4	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 11	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ 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	█ 84	---	---	---
Copper	ppm	█ 0	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 4	---	---	---
Vanadium	ppm	█ 0	---	---	---



## ADDITIVES

Calcium	ppm	█ 3463	---	---	---
Magnesium	ppm	█ 15	---	---	---
Zinc	ppm	█ 1603	---	---	---
Phosphorus	ppm	█ 1316	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 50	---	---	---

**Depot:** VOLVO0093  
**Unique No:** 10829786  
**Signed:** Don Baldrige  
**Report Date:** 14 Jan 2024



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## GRAPHS

