



# CONSTRUCTION EQUIPMENT

X18542 IAA VOLVO L90H 625476 - FRONT AXLE



**Sample No:** VCP438306  
**Oil Type:** VOLVO WB 102  
**Job No:** X18542 IAA



## SAMPLE INFORMATION

Sample Number	VCP438306	VCE67882D	---	---
Sample Date	25 Apr 2024	07 Aug 2023	---	---
Machine Hours	3966	3022	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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## OIL CONDITION

Visc @ 40°C	cSt	█ 42.3	█ 41.6	---	---
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## CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 12	█ 12	---	---
Sodium	ppm	█ 2	█ 6	---	---
Potassium	ppm	█ 0	█ 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	█ 33	█ 108	---	---
Copper	ppm	█ 4	█ 13	---	---
Lead	ppm	█ 0	█ <1	---	---
Tin	ppm	█ <1	█ 0	---	---
Aluminum	ppm	█ 0	█ 1	---	---
Chromium	ppm	█ <1	█ 3	---	---
Molybdenum	ppm	█ 2	█ 6	---	---
Nickel	ppm	█ 0	█ <1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 3	█ 7	---	---
Vanadium	ppm	0	0	---	---



## ADDITIVES

Calcium	ppm	█ 3883	█ 3957	---	---
Magnesium	ppm	█ 12	█ 12	---	---
Zinc	ppm	█ 1571	█ 1606	---	---
Phosphorus	ppm	█ 1334	█ 1328	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 126	█ 134	---	---

**Depot:** VOLVO8771  
**Unique No:** 11004059  
**Signed:** Wes Davis  
**Report Date:** 30 Apr 2024



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## VOLVO GRAPHS

