



# CONSTRUCTION EQUIPMENT

R24631 MAZZA VOLVO L45H 4122107 - FRONT AXLE



**Sample No:** VCP236894  
**Oil Type:** TDH FLUID SAE 75W80  
**Job No:** R24631 MAZZA



## SAMPLE INFORMATION

Sample Number	VCP236894	---	---	---
Sample Date	15 Apr 2024	---	---	---
Machine Hours	11967	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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## OIL CONDITION

Visc @ 40°C	cSt	█ 42.0	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 17	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 1	---	---	---

## 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	█ 51	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 3	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 1	---	---	---
Vanadium	ppm	<1	---	---	---



## ADDITIVES

Calcium	ppm	█ 3121	---	---	---
Magnesium	ppm	█ 25	---	---	---
Zinc	ppm	█ 1474	---	---	---
Phosphorus	ppm	█ 1279	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 111	---	---	---

**Depot:** HOFPISNJ  
**Unique No:** 10993495  
**Signed:** Don Baldrige  
**Report Date:** 25 Apr 2024



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## VOLVO GRAPHS

