



# CONSTRUCTION EQUIPMENT

SWA401794-10 VOLVO L70F 62546 - FRONT AXLE



**Sample No:** VCP436042  
**Oil Type:** VOLVO WB 102  
**Job No:** SWA401794-10



## SAMPLE INFORMATION

Sample Number	<b>VCP436042</b>	VCP348138	VCP295769	---
Sample Date	<b>01 Nov 2023</b>	12 Aug 2022	22 Jan 2021	---
Machine Hours	<b>6841</b>	6287	5760	---
Oil Hours	<b>0</b>	0	1760	---
Oil Changed	<b>N/A</b>	N/A	Not Changd	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---

## ALTA EQUIPMENT

5985 COURT STREET ROAD  
 SYRACUSE, NY  
 US 13206  
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## OIL CONDITION

Visc @ 40°C	cSt	<b>41.5</b>	41.6	40.6	---
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## CONTAMINATION

Silicon	ppm	<b>10</b>	11	8	---
Sodium	ppm	<b>2</b>	0	0	---
Potassium	ppm	<b>0</b>	2	<1	---



## WEAR METALS

Iron	ppm	<b>28</b>	31	24	---
Copper	ppm	<b>0</b>	<1	1	---
Lead	ppm	<b>0</b>	0	<1	---
Tin	ppm	<b>0</b>	<1	<1	---
Aluminum	ppm	<b>0</b>	1	0	---
Chromium	ppm	<b>&lt;1</b>	<1	<1	---
Molybdenum	ppm	<b>0</b>	<1	<1	---
Nickel	ppm	<b>0</b>	0	0	---
Titanium	ppm	<b>0</b>	<1	<1	---
Silver	ppm	<b>0</b>	<1	0	---
Manganese	ppm	<b>&lt;1</b>	<1	<1	---
Vanadium	ppm	<b>0</b>	<1	<1	---



## ADDITIVES

Calcium	ppm	<b>3768</b>	4018	4318	---
Magnesium	ppm	<b>9</b>	8	9	---
Zinc	ppm	<b>1516</b>	1665	1552	---
Phosphorus	ppm	<b>1242</b>	1291	1397	---
Barium	ppm	<b>0</b>	1	0	---
Boron	ppm	<b>134</b>	131	139	---

## 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.

**Depot:** VOLVO0142  
**Unique No:** 10727745  
**Signed:** Wes Davis  
**Report Date:** 07 Nov 2023



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## GRAPHS

