



# CONSTRUCTION EQUIPMENT

SPM893786 VOLVO L90E 71154 - FRONT AXLE



**Sample No:** VCP425068  
**Oil Type:** VOLVO WET BRAKE TRANSAXLE OIL  
**Job No:** SPM893786



## SAMPLE INFORMATION

Sample Number	VCP425068	VCP377702	---	---
Sample Date	25 Aug 2023	25 May 2022	---	---
Machine Hours	18110	15652	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Chngd	---	---
Sample Status	ABNORMAL	NORMAL	---	---

**VICTORY AUTO WRECKERS**  
 710 EAST GREEN STREET  
 BENSENVILLE, IL  
 US 60196  
 Contact: SERVICE MANAGER



## OIL CONDITION

Visc @ 40°C	cSt	█ 40.5	█ 40.0	---	---
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T: (630)860-2000  
 F:



## CONTAMINATION

Silicon	ppm	█ 30	█ 8	---	---
Sodium	ppm	█ 2	█ <1	---	---
Potassium	ppm	█ 4	█ 0	---	---

## Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.



## WEAR METALS

Iron	ppm	█ 199	█ 47	---	---
Copper	ppm	█ 1	█ <1	---	---
Lead	ppm	█ <1	█ <1	---	---
Tin	ppm	█ 0	█ <1	---	---
Aluminum	ppm	█ 6	█ <1	---	---
Chromium	ppm	█ 3	█ <1	---	---
Molybdenum	ppm	█ <1	█ <1	---	---
Nickel	ppm	█ 1	█ <1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	█ 3	█ <1	---	---
Vanadium	ppm	0	0	---	---



## ADDITIVES

Calcium	ppm	█ 4166	█ 3435	---	---
Magnesium	ppm	█ 26	█ 12	---	---
Zinc	ppm	█ 1702	█ 1494	---	---
Phosphorus	ppm	█ 1400	█ 1251	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 146	█ 122	---	---

**Depot:** VICBEN  
**Unique No:** 10616407  
**Signed:** Don Baldrige  
**Report Date:** 23 Aug 2023



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## GRAPHS

