



# CONSTRUCTION EQUIPMENT

SPM729436 VOLVO L150H 6556 - REAR AXLE



**Sample No:** VCP427393  
**Oil Type:** VOLVO SUPER WET BRAKE TRANSAXLE OIL WB102  
**Job No:** SPM729436



## SAMPLE INFORMATION

Sample Number	<b>VCP427393</b>	VCP443700	VCP390865	---
Sample Date	<b>22 Jun 2024</b>	15 Mar 2024	22 Mar 2023	---
Machine Hours	<b>7246</b>	8191	6793	---
Oil Hours	<b>0</b>	0	0	---
Oil Changed	<b>Not Chngd</b>	Not Chngd	Not Chngd	---
Sample Status	<b>NORMAL</b>	ABNORMAL	NORMAL	---

### SIMS METAL MANAGEMENT

2500 S. PAULINA  
 CHICAGO, IL  
 US 60608  
 Contact: RYAN WISE  
 ryan.wise@simsmm.com  
 T:  
 F:

## OIL CONDITION

Visc @ 40°C	cSt	<b>40.6</b>	49.5	41.5	---
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## CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	<b>13</b>	16	13	---
Sodium	ppm	<b>0</b>	0	9	---
Potassium	ppm	<b>5</b>	2	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	<b>108</b>	17	83	---
Copper	ppm	<b>3</b>	<1	<1	---
Lead	ppm	<b>0</b>	1	0	---
Tin	ppm	<b>&lt;1</b>	1	0	---
Aluminum	ppm	<b>4</b>	2	1	---
Chromium	ppm	<b>3</b>	1	2	---
Molybdenum	ppm	<b>4</b>	1	2	---
Nickel	ppm	<b>&lt;1</b>	<1	0	---
Titanium	ppm	<b>&lt;1</b>	<1	0	---
Silver	ppm	<b>&lt;1</b>	<1	0	---
Manganese	ppm	<b>6</b>	2	4	---
Vanadium	ppm	<b>&lt;1</b>	<1	0	---

## ADDITIVES

Calcium	ppm	<b>4187</b>	3389	3952	---
Magnesium	ppm	<b>11</b>	10	23	---
Zinc	ppm	<b>1678</b>	1447	1571	---
Phosphorus	ppm	<b>1416</b>	1135	1301	---
Barium	ppm	<b>0</b>	1	0	---
Boron	ppm	<b>151</b>	17	134	---

**Depot:** SIMCHIL  
**Unique No:** 11129490  
**Signed:** Wes Davis  
**Report Date:** 19 Jul 2024



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## GRAPHS

