



# CONSTRUCTION EQUIPMENT

## SPM660892 WASTE MGMT VOLVO L120H 633423 - REAR AXLE



**Sample No:** VCP433838  
**Oil Type:** VOLVO SUPER WET BRAKE TRANSAXLE OIL WB102  
**Job No:** SPM660892 WASTE MGMT



### SAMPLE INFORMATION

Sample Number	<b>VCP433838</b>	VCP433384	---	---
Sample Date	<b>24 Jan 2024</b>	13 Nov 2023	---	---
Machine Hours	<b>1218</b>	989	---	---
Oil Hours	<b>0</b>	0	---	---
Oil Changed	<b>Not Chngd</b>	Changed	---	---
Sample Status	<b>NORMAL</b>	NORMAL	---	---

**ALTA CONSTRUCTION EQUIPMENT**  
613 E STEVENSON RD  
OTTAWA, IL  
US 61350  
Contact: KEVIN SKRTICH  
KEVIN.SKRTICH@ALTAEQUIPMENT.COM  
T:  
F:



### OIL CONDITION

Visc @ 40°C	cSt	<b>41.6</b>	42.0	---	---
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### CONTAMINATION

Water	%	<b>NEG</b>	NEG	---	---
Silicon	ppm	<b>14</b>	25	---	---
Sodium	ppm	<b>&lt;1</b>	0	---	---
Potassium	ppm	<b>0</b>	3	---	---

### 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>44</b>	170	---	---
Copper	ppm	<b>0</b>	<1	---	---
Lead	ppm	<b>0</b>	0	---	---
Tin	ppm	<b>0</b>	0	---	---
Aluminum	ppm	<b>0</b>	1	---	---
Chromium	ppm	<b>1</b>	3	---	---
Molybdenum	ppm	<b>1</b>	47	---	---
Nickel	ppm	<b>0</b>	<1	---	---
Titanium	ppm	<b>0</b>	<1	---	---
Silver	ppm	<b>0</b>	0	---	---
Manganese	ppm	<b>3</b>	8	---	---
Vanadium	ppm	<b>0</b>	0	---	---



### ADDITIVES

Calcium	ppm	<b>3376</b>	3949	---	---
Magnesium	ppm	<b>11</b>	10	---	---
Zinc	ppm	<b>1456</b>	1585	---	---
Phosphorus	ppm	<b>1183</b>	1312	---	---
Barium	ppm	<b>5</b>	0	---	---
Boron	ppm	<b>14</b>	156	---	---

**Depot:** VOLVO5055  
**Unique No:** 10873768  
**Signed:** Wes Davis  
**Report Date:** 13 Feb 2024



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## GRAPHS

