



# CONSTRUCTION EQUIPMENT

SPM675539 WM ROSCOE VOLVO L120H 633423 - REAR AXLE



**Sample No:** VCP444294  
**Oil Type:** VOLVO SUPER WET BRAKE TRANSAXLE OIL WB102  
**Job No:** SPM675539 WM ROSCOE



## SAMPLE INFORMATION

Sample Number	<b>VCP444294</b>	VCP433838	VCP433384	---
Sample Date	<b>11 Mar 2024</b>	24 Jan 2024	13 Nov 2023	---
Machine Hours	<b>1511</b>	1218	989	---
Oil Hours	<b>0</b>	0	0	---
Oil Changed	<b>Not Chngd</b>	Not Chngd	Changed	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---

**ALTA CONSTRUCTION EQUIPMENT**  
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## OIL CONDITION

Visc @ 40°C	cSt	<b>41.4</b>	41.6	42.0	---
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## CONTAMINATION

Water	%	<b>NEG</b>	NEG	NEG	---
Silicon	ppm	<b>13</b>	14	25	---
Sodium	ppm	<b>1</b>	<1	0	---
Potassium	ppm	<b>2</b>	0	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>78</b>	44	170	---
Copper	ppm	<b>0</b>	0	<1	---
Lead	ppm	<b>0</b>	0	0	---
Tin	ppm	<b>0</b>	0	0	---
Aluminum	ppm	<b>0</b>	0	1	---
Chromium	ppm	<b>&lt;1</b>	1	3	---
Molybdenum	ppm	<b>1</b>	1	47	---
Nickel	ppm	<b>0</b>	0	<1	---
Titanium	ppm	<b>0</b>	0	<1	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>4</b>	3	8	---
Vanadium	ppm	<b>0</b>	0	0	---



## ADDITIVES

Calcium	ppm	<b>3022</b>	3376	3949	---
Magnesium	ppm	<b>8</b>	11	10	---
Zinc	ppm	<b>1318</b>	1456	1585	---
Phosphorus	ppm	<b>1022</b>	1183	1312	---
Barium	ppm	<b>0</b>	5	0	---
Boron	ppm	<b>11</b>	14	156	---

**Depot:** VOLVO5055  
**Unique No:** 10930028  
**Signed:** Wes Davis  
**Report Date:** 19 Mar 2024



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## GRAPHS

