



# CONSTRUCTION EQUIPMENT

## SPM581080 WASTE MGMT VOLVO L120H 32310 - REAR AXLE



**Sample No:** VCP407970  
**Oil Type:** VOLVO WET BRAKE TRANSAXLE OIL  
**Job No:** SPM581080 WASTE MGMT



### SAMPLE INFORMATION

Sample Number	<b>VCP407970</b>	VCP342028	---	---
Sample Date	<b>25 Jul 2023</b>	26 Oct 2021	---	---
Machine Hours	<b>14550</b>	10947	---	---
Oil Hours	<b>0</b>	0	---	---
Oil Changed	<b>Not Chngd</b>	Not Chngd	---	---
Sample Status	<b>ABNORMAL</b>	NORMAL	---	---

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### OIL CONDITION

Visc @ 40°C	cSt	<b>42.0</b>	43.1	---	---
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### CONTAMINATION

Water	%	<b>0.499</b>	---	---	---
Silicon	ppm	<b>12</b>	16	---	---
Sodium	ppm	<b>8</b>	2	---	---
Potassium	ppm	<b>4</b>	2	---	---



### WEAR METALS

Iron	ppm	<b>38</b>	62	---	---
Copper	ppm	<b>2</b>	<1	---	---
Lead	ppm	<b>&lt;1</b>	<1	---	---
Tin	ppm	<b>0</b>	0	---	---
Aluminum	ppm	<b>2</b>	0	---	---
Chromium	ppm	<b>2</b>	1	---	---
Molybdenum	ppm	<b>3</b>	2	---	---
Nickel	ppm	<b>&lt;1</b>	0	---	---
Titanium	ppm	<b>0</b>	<1	---	---
Silver	ppm	<b>0</b>	<1	---	---
Manganese	ppm	<b>3</b>	<1	---	---
Vanadium	ppm	<b>0</b>	0	---	---



### ADDITIVES

Calcium	ppm	<b>3910</b>	4253	---	---
Magnesium	ppm	<b>9</b>	17	---	---
Zinc	ppm	<b>1631</b>	1565	---	---
Phosphorus	ppm	<b>1331</b>	1360	---	---
Barium	ppm	<b>1</b>	0	---	---
Boron	ppm	<b>144</b>	139	---	---

### Diagnosis

We advise that you check for the source of water entry. We advise that you follow the water drain-off procedure for this component. Resample at the next service interval to monitor. All component wear rates are normal. There is a light concentration of water present in the oil. Free water present. The condition of the oil is acceptable for the time in service.

**Depot:** VOLVO8885  
**Unique No:** 10602442  
**Signed:** Don Baldrige  
**Report Date:** 14 Aug 2023



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## GRAPHS

