



# CONSTRUCTION EQUIPMENT

## SPM689359 RENTAL VOLVO L120H 632941 - REAR AXLE



**Sample No:** VCP437363  
**Oil Type:** VOLVO SUPER WET BRAKE TRANSAXLE OIL WB102  
**Job No:** SPM689359 RENTAL



### SAMPLE INFORMATION

Sample Number	<b>VCP437363</b>	VCP423166	VCP423193	VCP364808
Sample Date	<b>04 Apr 2024</b>	21 Jun 2023	21 Jun 2023	14 Sep 2022
Machine Hours	<b>3974</b>	2611	2611	2013
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</b>	Not Chngd	Not Chngd	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

**ALTA EQUIPMENT CO - ORLAND PARK**  
 5000 INDUSTRIAL HWY  
 GARY, IN  
 US 46406  
 Contact: DAVE ENG  
 DAVE.ENG@ALTG.COM  
 T: (312)350-2560  
 F:



### OIL CONDITION

Visc @ 40°C	cSt	<b>43.1</b>	43.0	40.9	40.0
-------------	-----	-------------	------	------	------



### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>18</b>	16	9	22
Sodium	ppm	<b>4</b>	4	3	11
Potassium	ppm	<b>0</b>	0	0	2

### 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>161</b>	128	33	463
Copper	ppm	<b>0</b>	<1	<1	1
Lead	ppm	<b>0</b>	0	0	<1
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>&lt;1</b>	2	<1	3
Chromium	ppm	<b>2</b>	3	<1	9
Molybdenum	ppm	<b>3</b>	3	<1	14
Nickel	ppm	<b>0</b>	<1	0	0
Titanium	ppm	<b>0</b>	<1	<1	<1
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>5</b>	4	<1	16
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>4079</b>	3784	3057	4421
Magnesium	ppm	<b>21</b>	25	13	14
Zinc	ppm	<b>1602</b>	1532	1363	1796
Phosphorus	ppm	<b>1319</b>	1212	1123	1494
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>140</b>	162	47	138

**Depot:** VOLVO8885  
**Unique No:** 10977816  
**Signed:** Wes Davis  
**Report Date:** 15 Apr 2024



# CONSTRUCTION EQUIPMENT



## VOLVO GRAPHS

