



# CONSTRUCTION EQUIPMENT

## SPM633729 VOLVO L120H 632945 - REAR AXLE



**Sample No:** VCP429067  
**Oil Type:** VOLVO WET BRAKE TRANSAXLE OIL  
**Job No:** SPM633729



### SAMPLE INFORMATION

Sample Number	<b>VCP429067</b>	VCP427128	VCP422719	VCP312506
Sample Date	<b>10 Nov 2023</b>	28 Sep 2023	12 May 2023	05 Mar 2022
Machine Hours	<b>4002</b>	3586	2627	559
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</b>	Not Changd	Not Changd	Not Changd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	ATTENTION

**OZINGA BROS INC**  
 19001 OLD LAGRANDE RD  
 MOKENA, IL  
 US 60448  
 Contact: ED JONGSMA



### OIL CONDITION

Visc @ 40°C	cSt	<b>41.7</b>	39.5	39.9	▲ 120
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T: (708)326-4200  
 F:



### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>15</b>	16	14	11
Sodium	ppm	<b>3</b>	7	11	12
Potassium	ppm	<b>2</b>	3	<1	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>145</b>	408	189	91
Copper	ppm	<b>&lt;1</b>	2	<1	<1
Lead	ppm	<b>0</b>	0	0	<1
Tin	ppm	<b>0</b>	0	<1	<1
Aluminum	ppm	<b>2</b>	0	<1	1
Chromium	ppm	<b>3</b>	8	5	3
Molybdenum	ppm	<b>6</b>	14	10	10
Nickel	ppm	<b>&lt;1</b>	3	<1	0
Titanium	ppm	<b>0</b>	<1	<1	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>6</b>	14	10	8
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>3528</b>	3903	3911	4166
Magnesium	ppm	<b>31</b>	12	14	14
Zinc	ppm	<b>1494</b>	1730	1630	1557
Phosphorus	ppm	<b>1230</b>	1349	1315	1371
Barium	ppm	<b>2</b>	<1	0	0
Boron	ppm	<b>75</b>	134	121	130

**Depot:** OZIMOKVC  
**Unique No:** 10767328  
**Signed:** Wes Davis  
**Report Date:** 04 Dec 2023



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## GRAPHS

