



# CONSTRUCTION EQUIPMENT

## 729259 MACK CONCRETE VOLVO L120H 632983 - REAR AXLE



**Sample No:** VCP454572  
**Oil Type:** VOLVO WB 102  
**Job No:** 729259 MACK CONCRETE



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### SAMPLE INFORMATION

Sample Number	VCP454572	VCP422281	VCP421294	VCP399149
Sample Date	10 Jun 2024	18 May 2023	27 Mar 2023	11 Feb 2023
Machine Hours	10911	7018	6455	5940
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



### OIL CONDITION

Visc @ 40°C	cSt	46.4	42.4	42.5	42.7



### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	17	15	18	15
Sodium	ppm	1	8	7	10
Potassium	ppm	0	0	1	0



### WEAR METALS

Iron	ppm	134	244	269	230
Copper	ppm	0	2	2	2
Lead	ppm	0	0	0	<1
Tin	ppm	<1	<1	0	<1
Aluminum	ppm	1	<1	2	1
Chromium	ppm	2	5	5	4
Molybdenum	ppm	4	4	4	4
Nickel	ppm	<1	<1	1	<1
Titanium	ppm	0	<1	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	3	7	7	6
Vanadium	ppm	0	0	0	0



### ADDITIVES

Calcium	ppm	3985	3896	3886	3741
Magnesium	ppm	39	22	19	21
Zinc	ppm	1653	1620	1604	1458
Phosphorus	ppm	1276	1301	1324	1185
Barium	ppm	0	0	0	0
Boron	ppm	151	123	127	128

### 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.

**Depot:** VOLVO0093  
**Unique No:** 11076505  
**Signed:** Wes Davis  
**Report Date:** 14 Jun 2024



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## VOLVO GRAPHS

