



# CONSTRUCTION EQUIPMENT

703273 17935 VOLVO L90E 67887 - REAR AXLE



**Sample No:** VCP449804  
**Oil Type:** VOLVO WB 102  
**Job No:** 703273



## SAMPLE INFORMATION

Sample Number	<b>VCP449804</b>	VCP351681	DJJ0005575	VCP249922
Sample Date	<b>26 Apr 2024</b>	18 Feb 2022	24 Sep 2020	10 Mar 2020
Machine Hours	<b>17538</b>	16264	15059	14553
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</b>	Changed	Changed	Not Changd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

TRADEMARK METALS RECYCLING - ORLANDO - KAYLEY  
 317 WEST KALEY AVENUE  
 ORLANDO, FL  
 US 32806  
 Contact: RYAN BOWDEN



## OIL CONDITION

Visc @ 40°C	cSt	<b>42.3</b>	43.3	39.8	40.0
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T: (863)679-7595  
 F: (863)679-2871



## CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>17</b>	27	16	18
Sodium	ppm	<b>4</b>	6	0	1
Potassium	ppm	<b>3</b>	0	<1	1

## 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>74</b>	67	52	46
Copper	ppm	<b>8</b>	32	7	5
Lead	ppm	<b>&lt;1</b>	<1	0	0
Tin	ppm	<b>&lt;1</b>	2	<1	<1
Aluminum	ppm	<b>3</b>	4	0	1
Chromium	ppm	<b>1</b>	1	<1	<1
Molybdenum	ppm	<b>&lt;1</b>	1	1	<1
Nickel	ppm	<b>&lt;1</b>	0	<1	<1
Titanium	ppm	<b>&lt;1</b>	<1	<1	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>1</b>	<1	<1	1
Vanadium	ppm	<b>&lt;1</b>	0	<1	0



## ADDITIVES

Calcium	ppm	<b>3863</b>	4115	4204	4497
Magnesium	ppm	<b>15</b>	30	23	25
Zinc	ppm	<b>1566</b>	1605	1596	1719
Phosphorus	ppm	<b>952</b>	1335	1352	1438
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>150</b>	145	156	137

**Depot:** TMRLAK  
**Unique No:** 11009484  
**Signed:** Wes Davis  
**Report Date:** 06 May 2024



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## GRAPHS

