



# CONSTRUCTION EQUIPMENT

## 729516 VOLVO L150H 6770 - REAR AXLE



**Sample No:** VCP454582  
**Oil Type:** VOLVO WB 102  
**Job No:** 729516



### SAMPLE INFORMATION

Sample Number	<b>VCP454582</b>	VCP437677	VCP425721	VCP389638
Sample Date	<b>12 Jun 2024</b>	03 Jan 2024	04 May 2023	20 Oct 2022
Machine Hours	<b>12371</b>	11384	10350	8661
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	NORMAL

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### OIL CONDITION

Visc @ 40°C	cSt	<b>44.1</b>	44.8	42.7	44.1
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>13</b>	17	14	8
Sodium	ppm	<b>3</b>	0	1	2
Potassium	ppm	<b>&lt;1</b>	2	0	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>124</b>	139	109	131
Copper	ppm	<b>&lt;1</b>	1	0	2
Lead	ppm	<b>&lt;1</b>	<1	0	0
Tin	ppm	<b>0</b>	<1	0	0
Aluminum	ppm	<b>1</b>	2	5	0
Chromium	ppm	<b>1</b>	2	<1	2
Molybdenum	ppm	<b>18</b>	20	19	9
Nickel	ppm	<b>0</b>	<1	0	<1
Titanium	ppm	<b>0</b>	<1	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>2</b>	2	<1	2
Vanadium	ppm	<b>&lt;1</b>	0	0	<1



### ADDITIVES

Calcium	ppm	<b>3330</b>	3830	3674	1225
Magnesium	ppm	<b>27</b>	27	78	17
Zinc	ppm	<b>1248</b>	1441	1459	741
Phosphorus	ppm	<b>1094</b>	1178	1222	549
Barium	ppm	<b>0</b>	7	0	0
Boron	ppm	<b>110</b>	130	114	29

**Depot:** VOLVO0096  
**Unique No:** 11088930  
**Signed:** Wes Davis  
**Report Date:** 22 Jun 2024



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## VOLVO GRAPHS

