



# CONSTRUCTION EQUIPMENT

## VOLVO L150E 6951 - FRONT AXLE



**Sample No:** VCP414421

**Oil Type:** TRANSAXLE OIL SAE 75W80

**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP414421</b>	VCP421034	VCP382767	VCP0005103
Sample Date	<b>19 Jul 2023</b>	02 Jun 2023	02 Mar 2023	09 Jan 2023
Machine Hours	<b>5533</b>	5134	4470	4079
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Chngd</b>	Not Chngd	Not Chngd	N/A
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

**113 - ASCENDUM MACHINERY INC - GARNER**  
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### OIL CONDITION

Visc @ 40°C	cSt	<b>41.7</b>	41.7	41.5	41.8
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### CONTAMINATION

Silicon	ppm	<b>12</b>	10	11	14
Sodium	ppm	<b>0</b>	3	3	11
Potassium	ppm	<b>2</b>	0	1	0



### WEAR METALS

Iron	ppm	<b>53</b>	39	36	144
Copper	ppm	<b>8</b>	4	3	16
Lead	ppm	<b>&lt;1</b>	0	<1	<1
Tin	ppm	<b>0</b>	0	0	<1
Aluminum	ppm	<b>2</b>	<1	2	2
Chromium	ppm	<b>1</b>	<1	1	5
Molybdenum	ppm	<b>2</b>	<1	1	3
Nickel	ppm	<b>&lt;1</b>	0	<1	1
Titanium	ppm	<b>&lt;1</b>	0	<1	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>2</b>	1	1	7
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>4480</b>	3872	3872	3741
Magnesium	ppm	<b>15</b>	12	16	15
Zinc	ppm	<b>1803</b>	1574	1592	1402
Phosphorus	ppm	<b>1507</b>	1273	1263	1155
Barium	ppm	<b>2</b>	0	0	0
Boron	ppm	<b>176</b>	127	124	121

### 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:** VOLV00157  
**Unique No:** 10566003  
**Signed:** Wes Davis  
**Report Date:** 24 Jul 2023



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## VOLVO GRAPHS

