



# CONSTRUCTION EQUIPMENT

## VOLVO L150H 6989 - FRONT AXLE



**Sample No:** VCP432598  
**Oil Type:** VALVOLINE  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP432598</b>	VCP407071	VCP411568	---
Sample Date	<b>22 Feb 2024</b>	15 Dec 2023	02 Oct 2023	---
Machine Hours	<b>6479</b>	5961	5387	---
Oil Hours	<b>0</b>	0	0	---
Oil Changed	<b>Changed</b>	Changed	Changed	---
Sample Status	<b>ABNORMAL</b>	ABNORMAL	NORMAL	---

### CITY CARTING

221 OLD GATE LN  
MILFORD, CT  
US 06460  
Contact: TAVINS BANKS  
tavins@citycart.net  
T: (203)223-3885  
F:



### OIL CONDITION

Visc @ 40°C	cSt	<b>44.9</b>	44.3	56.6	---
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### CONTAMINATION

Water	%	<b>NEG</b>	NEG	NEG	---
Silicon	ppm	<b>15</b>	14	14	---
Sodium	ppm	<b>3</b>	2	3	---
Potassium	ppm	<b>0</b>	<1	2	---



### WEAR METALS

Iron	ppm	<b>19</b>	23	43	---
Copper	ppm	<b>&lt;1</b>	0	<1	---
Lead	ppm	<b>&lt;1</b>	0	<1	---
Tin	ppm	<b>0</b>	<1	0	---
Aluminum	ppm	<b>2</b>	1	0	---
Chromium	ppm	<b>&lt;1</b>	<1	1	---
Molybdenum	ppm	<b>0</b>	0	2	---
Nickel	ppm	<b>0</b>	<1	<1	---
Titanium	ppm	<b>0</b>	<1	<1	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>1</b>	<1	3	---
Vanadium	ppm	<b>0</b>	<1	0	---



### ADDITIVES

Calcium	ppm	<b>3693</b>	4007	3236	---
Magnesium	ppm	<b>17</b>	21	11	---
Zinc	ppm	<b>1541</b>	1669	1324	---
Phosphorus	ppm	<b>1278</b>	1397	1198	---
Barium	ppm	<b>0</b>	0	1	---
Boron	ppm	<b>120</b>	125	124	---

### Diagnosis

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. Confirm oil type. The condition of the oil is acceptable for the time in service.

**Depot:** CITMILCON  
**Unique No:** 10902870  
**Signed:** Sean Felton  
**Report Date:** 04 Mar 2024



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## GRAPHS

