



# CONSTRUCTION EQUIPMENT

## VOLVO L150H 6989 - FRONT AXLE



**Sample No:** VCP452632  
**Oil Type:** VOLVO WB 102  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP452632</b>	VCP436468	VCP432598	VCP407071
Sample Date	<b>02 Jul 2024</b>	09 May 2024	22 Feb 2024	15 Dec 2023
Machine Hours	<b>7460</b>	7072	6479	5961
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</b>	Changed	Changed	Changed
Sample Status	<b>NORMAL</b>	NORMAL	ABNORMAL	ABNORMAL

**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	44.9	44.3
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>12</b>	14	15	14
Sodium	ppm	<b>0</b>	2	3	2
Potassium	ppm	<b>2</b>	0	0	<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>24</b>	22	19	23
Copper	ppm	<b>&lt;1</b>	<1	<1	0
Lead	ppm	<b>0</b>	0	<1	0
Tin	ppm	<b>0</b>	<1	0	<1
Aluminum	ppm	<b>3</b>	<1	2	1
Chromium	ppm	<b>&lt;1</b>	<1	<1	<1
Molybdenum	ppm	<b>&lt;1</b>	<1	0	0
Nickel	ppm	<b>0</b>	0	0	<1
Titanium	ppm	<b>&lt;1</b>	0	0	<1
Silver	ppm	<b>&lt;1</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	1	1	<1
Vanadium	ppm	<b>&lt;1</b>	0	0	<1

### ADDITIVES

Calcium	ppm	<b>4065</b>	3730	3693	4007
Magnesium	ppm	<b>15</b>	0	17	21
Zinc	ppm	<b>1574</b>	1477	1541	1669
Phosphorus	ppm	<b>1313</b>	1264	1278	1397
Barium	ppm	<b>&lt;1</b>	0	0	0
Boron	ppm	<b>132</b>	127	120	125

**Depot:** CITMILCON  
**Unique No:** 11124076  
**Signed:** Sean Felton  
**Report Date:** 15 Jul 2024



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## VOLVO GRAPHS

