



# CONSTRUCTION EQUIPMENT

## VOLVO L150H 6972 - REAR AXLE



**Sample No:** VCP0007936

**Oil Type:** TDH FLUID SAE 75W80

**Job No:**



### SAMPLE INFORMATION

Sample Number	VCP0007936	VCP0007490	VCP0007537	VCP0007557
Sample Date	05 Dec 2023	06 Sep 2023	12 Jun 2023	21 Apr 2023
Machine Hours	7306	6011	4999	4999
Oil Hours	7306	6011	4999	4999
Oil Changed	N/A	N/A	N/A	N/A
Sample Status	NORMAL	MARGINAL	NORMAL	NORMAL

### ALTA EQUIPMENT COMPANY

8750 PHILIPS HWY  
JACKSONVILLE, FL  
US 32256

Contact: SHAWN NORTHCRAFT  
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### OIL CONDITION

Visc @ 40°C	cSt	43.1	43.2	40.8	43.2
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### CONTAMINATION

Water	%	NEG	0.346	NEG	NEG
Silicon	ppm	11	11	24	9
Sodium	ppm	4	3	12	0
Potassium	ppm	4	1	1	0



### WEAR METALS

Iron	ppm	36	35	80	5
Copper	ppm	8	2	1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	<1	0
Aluminum	ppm	<1	<1	0	<1
Chromium	ppm	<1	<1	4	<1
Molybdenum	ppm	<1	0	5	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	<1	7	<1
Vanadium	ppm	<1	0	0	0



### ADDITIVES

Calcium	ppm	3413	3795	4097	3264
Magnesium	ppm	7	14	13	16
Zinc	ppm	1456	1551	1717	1359
Phosphorus	ppm	1174	1250	1376	1110
Barium	ppm	0	0	0	0
Boron	ppm	96	115	136	32

### 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:** VOLVO0092  
**Unique No:** 10777943  
**Signed:** Don Baldrige  
**Report Date:** 10 Dec 2023



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## VOLVO GRAPHS

