



# CONSTRUCTION EQUIPMENT

## BULK EXPRESS VOLVO L150H 6937 - TRANSMISSION (AUTO)



**Sample No:** VCP432358  
**Oil Type:** VOLVO AT 102  
**Job No:** BULK EXPRESS



### SAMPLE INFORMATION

Sample Number	<b>VCP432358</b>	VCP432801	VCP411673	VCP422127
Sample Date	<b>20 Dec 2023</b>	29 Aug 2023	26 May 2023	21 Mar 2023
Machine Hours	<b>6648</b>	6060	5504	4909
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Chngd</b>	Not Chngd	Not Chngd	Not Chngd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC  
 8418 PALM RIVER ROAD  
 TAMPA, FL  
 US 33619  
 Contact: KENNY HANEY  
 khaney@flaglerce.com  
 T: (813)630-0077  
 F: (813)630-2233



### OIL CONDITION

Visc @ 40°C	cSt	<b>27.8</b>	27.7	28.0	27.9
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>6</b>	7	5	6
Sodium	ppm	<b>3</b>	2	4	3
Potassium	ppm	<b>1</b>	1	<1	<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 fluid. The condition of the fluid is acceptable for the time in service.



### WEAR METALS

Iron	ppm	<b>50</b>	52	46	40
Copper	ppm	<b>7</b>	7	5	5
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>&lt;1</b>	0	<1	0
Aluminum	ppm	<b>2</b>	<1	<1	0
Chromium	ppm	<b>&lt;1</b>	<1	<1	<1
Molybdenum	ppm	<b>&lt;1</b>	<1	<1	<1
Nickel	ppm	<b>&lt;1</b>	0	<1	0
Titanium	ppm	<b>&lt;1</b>	0	0	<1
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>3</b>	3	3	3
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>74</b>	76	73	75
Magnesium	ppm	<b>2</b>	2	<1	2
Zinc	ppm	<b>12</b>	18	10	9
Phosphorus	ppm	<b>198</b>	187	191	180
Barium	ppm	<b>12</b>	4	<1	0
Boron	ppm	<b>67</b>	83	71	72

**Depot:** VOLVO0093  
**Unique No:** 10807702  
**Signed:** Don Baldrige  
**Report Date:** 29 Dec 2023

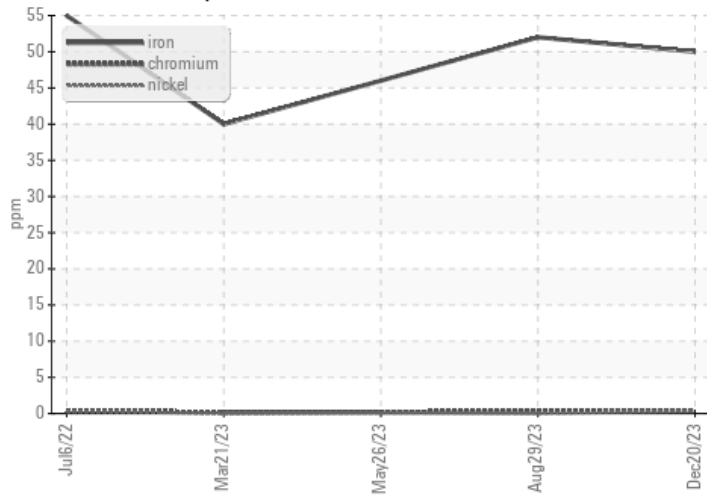


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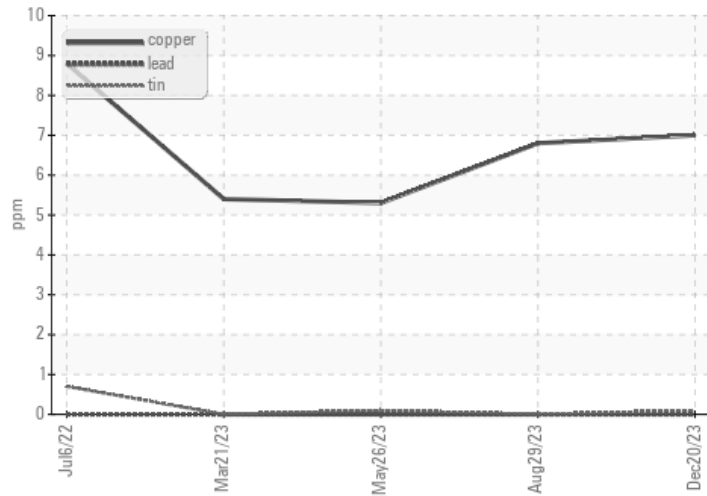


## GRAPHS

### Ferrous Alloys



### Non-ferrous Metals



### Viscosity @ 40°C

