



# CONSTRUCTION EQUIPMENT

13918 AMERICAN HW VOLVO L60H 622453 - TRANSMISSION



**Sample No:** VCP411809  
**Oil Type:** VOLVO AT 102  
**Job No:** 13918 AMERICAN HW



## SAMPLE INFORMATION

Sample Number	VCP411809	VCP375953	---	---
Sample Date	04 Dec 2023	11 Jul 2022	---	---
Machine Hours	7950	4133	---	---
Oil Hours	2000	4000	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	ABNORMAL	---	---

**MCCLUNG-LOGAN EQUIPMENT CO - RICHMOND**  
1345 MOUNTAIN ROAD  
GLEN ALLEN, VA  
US 23060  
Contact: KYLE RATLIFFE  
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T:  
F: (804)266-1611



## OIL CONDITION

Visc @ 40°C	cSt	█ 26.7	█ 23.9	---	---
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## CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 5	█ 7	---	---
Sodium	ppm	█ 5	█ 6	---	---
Potassium	ppm	█ <1	█ 0	---	---

## 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	█ 72	▲ 133	---	---
Copper	ppm	█ 12	█ 10	---	---
Lead	ppm	█ 0	█ 0	---	---
Tin	ppm	█ 0	█ 0	---	---
Aluminum	ppm	█ <1	█ 1	---	---
Chromium	ppm	█ <1	█ <1	---	---
Molybdenum	ppm	█ 0	█ <1	---	---
Nickel	ppm	█ 0	█ 0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	█ 5	█ 9	---	---
Vanadium	ppm	0	0	---	---



## ADDITIVES

Calcium	ppm	71	█ 75	---	---
Magnesium	ppm	█ <1	█ 0	---	---
Zinc	ppm	█ 23	█ 30	---	---
Phosphorus	ppm	█ 193	█ 182	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 68	█ 71	---	---

**Depot:** VOLVO8882  
**Unique No:** 10779595  
**Signed:** Wes Davis  
**Report Date:** 11 Dec 2023

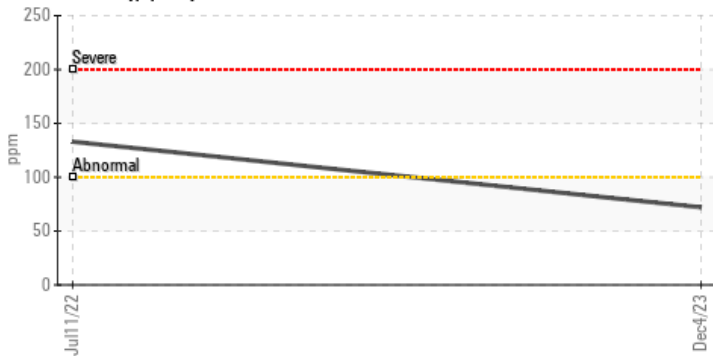


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## GRAPHS

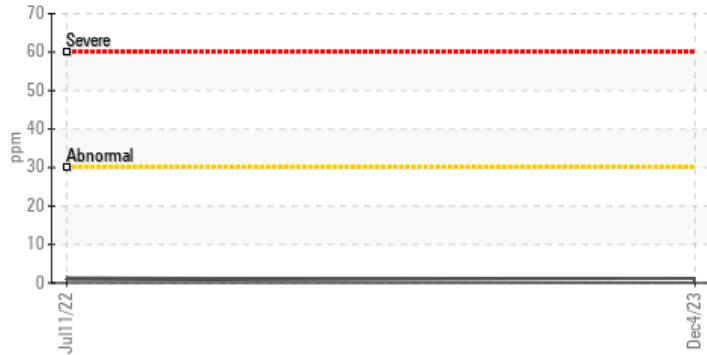
### Iron (ppm)



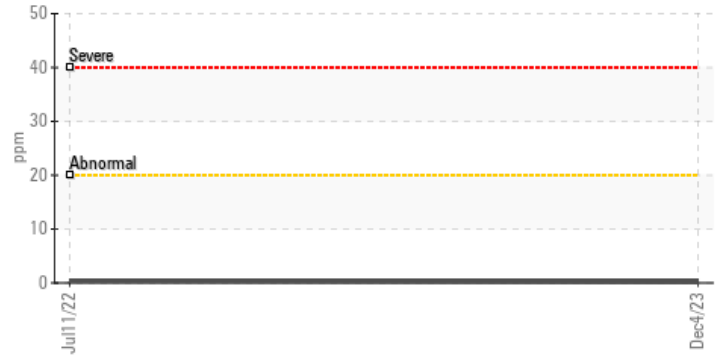
### Lead (ppm)



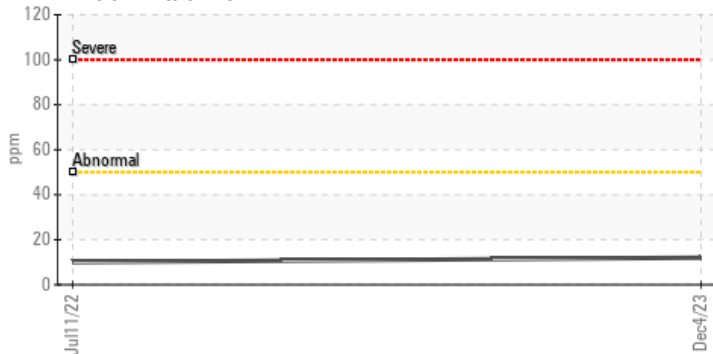
### Aluminum (ppm)



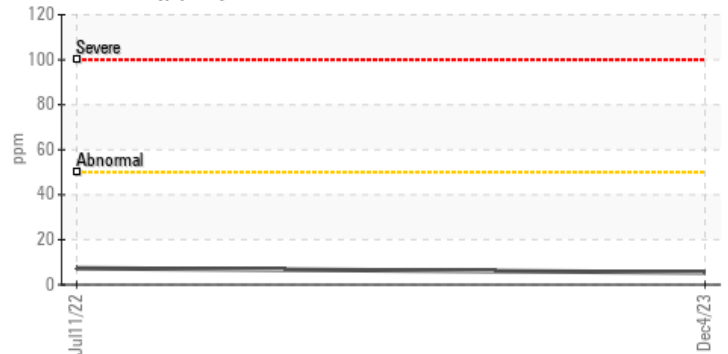
### Chromium (ppm)



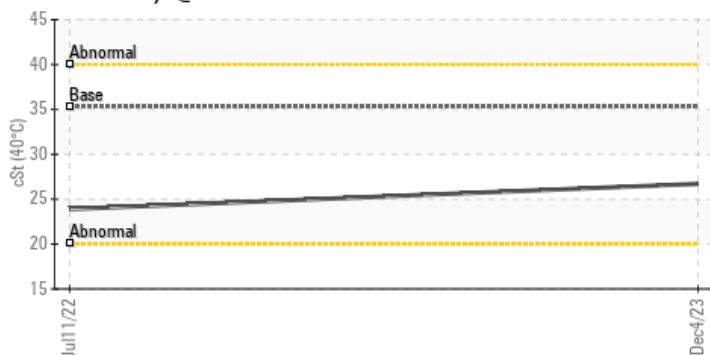
### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

