



# CONSTRUCTION EQUIPMENT

## VOLVO L70H 624676 - TRANSMISSION (AUTO)



**Sample No:** VCP411607  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:**



### SAMPLE INFORMATION

Sample Number	VCP411607	VCP355084	---	---
Sample Date	14 Aug 2023	20 Jun 2022	---	---
Machine Hours	2061	428	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	ABNORMAL	NORMAL	---	---

ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC  
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### OIL CONDITION

Visc @ 40°C	cSt	█ 27.3	█ 28.2	---	---
Acid Number (AN)	mg KOH/g	█ 0.75	---	---	---



### CONTAMINATION

Silicon	ppm	█ 14	█ 14	---	---
Sodium	ppm	█ 6	█ 2	---	---
Potassium	ppm	█ 2	█ 3	---	---



### WEAR METALS

Iron	ppm	▲ 232	█ 116	---	---
Copper	ppm	█ 10	█ 6	---	---
Lead	ppm	█ 0	█ 0	---	---
Tin	ppm	█ 0	█ 0	---	---
Aluminum	ppm	█ 3	█ 2	---	---
Chromium	ppm	█ <1	█ <1	---	---
Molybdenum	ppm	█ <1	█ <1	---	---
Nickel	ppm	█ 0	█ 0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	█ 0	█ 0	---	---
Manganese	ppm	█ 11	█ 9	---	---
Vanadium	ppm	<1	0	---	---



### ADDITIVES

Calcium	ppm	█ 76	█ 92	---	---
Magnesium	ppm	█ 2	█ 2	---	---
Zinc	ppm	█ 37	█ 26	---	---
Phosphorus	ppm	█ 195	█ 230	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 64	█ 77	---	---

### Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The iron level is abnormal. All other component wear rates are normal. The amount and size of particulates present in the system are acceptable. The AN level is acceptable for this fluid. The condition of the fluid is acceptable for the time in service.

**Depot:** VOLVO0093  
**Unique No:** 10609477  
**Signed:** Angela Borella  
**Report Date:** 22 Aug 2023

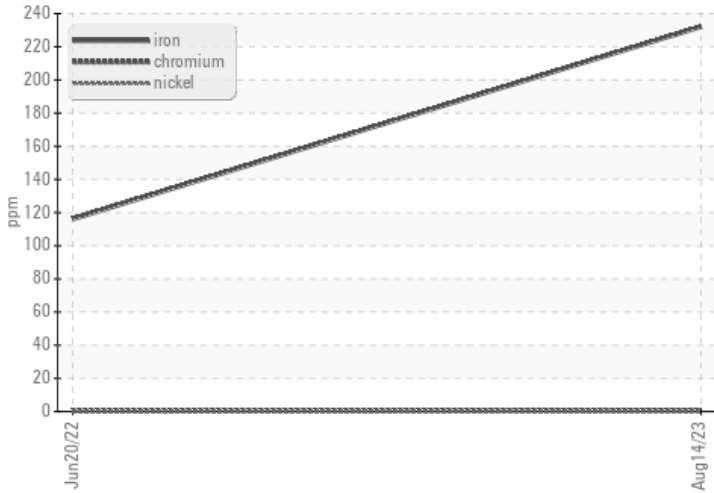


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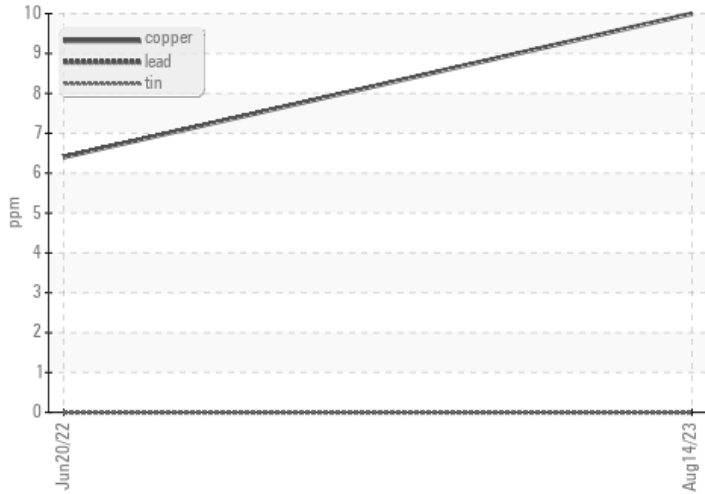


## GRAPHS

### ▲ Ferrous Alloys



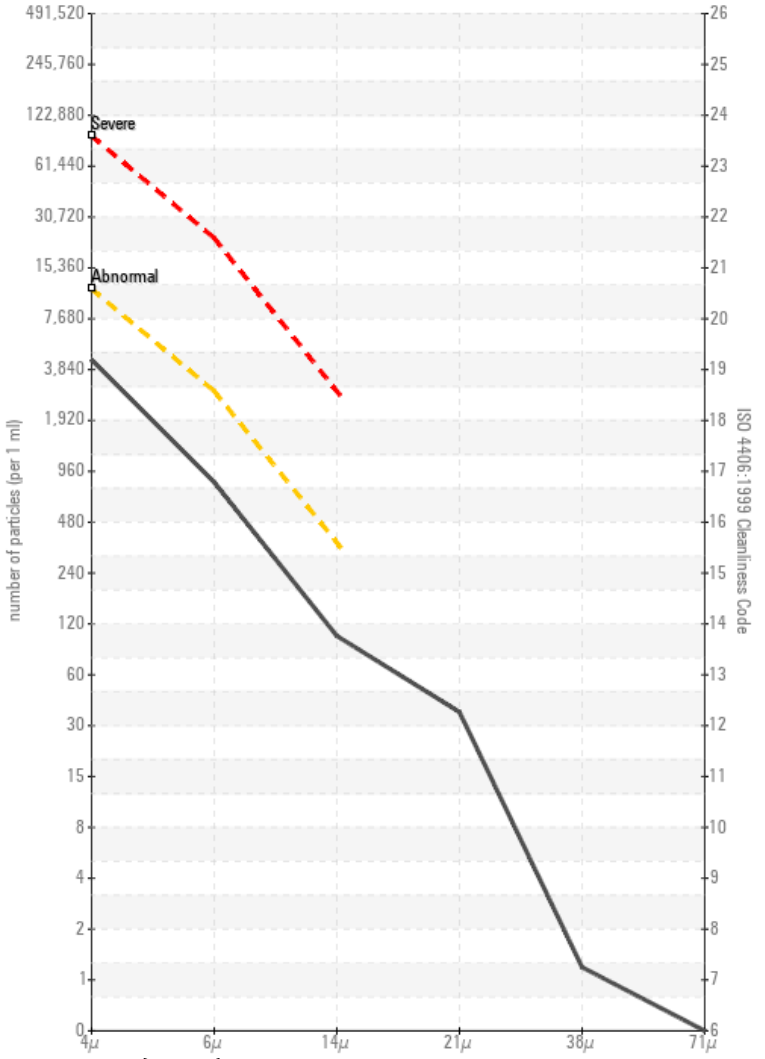
### Non-ferrous Metals



### Viscosity @ 40°C



### Particle Count



### Acid Number

