



# CONSTRUCTION EQUIPMENT

## VOLVO L70H L70H 623 170 - HYDRAULIC SYSTEM



**Sample No:** VCP0008016

**Oil Type:** {unknown}

**Job No:**



### SAMPLE INFORMATION

Sample Number	VCP0008016	---	---	---
Sample Date	15 Aug 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

### ALTA EQUIPMENT COMPANY

8750 PHILIPS HWY  
JACKSONVILLE, FL  
US 32256

Contact: TECHNICIAN ACCOUNT  
catherine.anastasio@wearcheck.com

T:

F: (904)737-1260



### OIL CONDITION

Visc @ 40°C	cSt	█ 49.8	---	---	---
Acid Number (AN)	mg KOH/g	█ 1.12	---	---	---



### CONTAMINATION

Particles >4µm		█ 3455	---	---	---
Particles >6µm		█ 151	---	---	---
Particles >14µm		█ 14	---	---	---
ISO 4406:1999 (c)		19/14/11	---	---	---
Silicon	ppm	█ 6	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 1	---	---	---

### Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



### WEAR METALS

Iron	ppm	█ 4	---	---	---
Copper	ppm	█ 11	---	---	---
Lead	ppm	█ 4	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	6	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



### ADDITIVES

Calcium	ppm	2016	---	---	---
Magnesium	ppm	25	---	---	---
Zinc	ppm	1063	---	---	---
Phosphorus	ppm	831	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	13	---	---	---

**Depot:** VOLVO0092

**Unique No:** 10608706

**Signed:** Wes Davis

**Report Date:** 21 Aug 2023

Submitted By: TECHNICIAN ACCOUNT

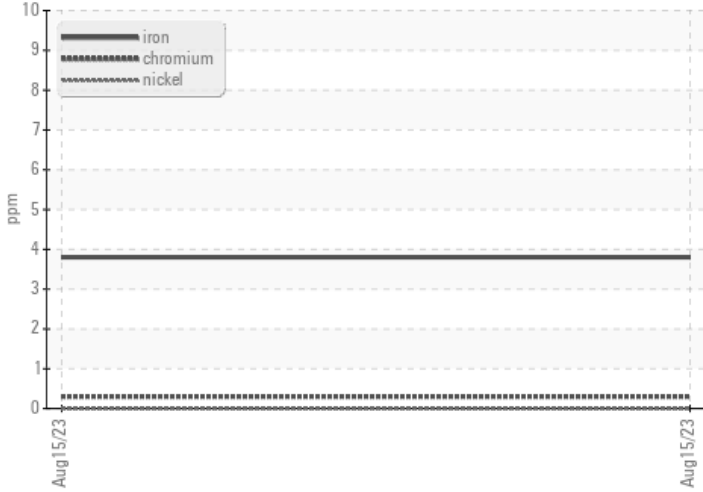


# CONSTRUCTION EQUIPMENT

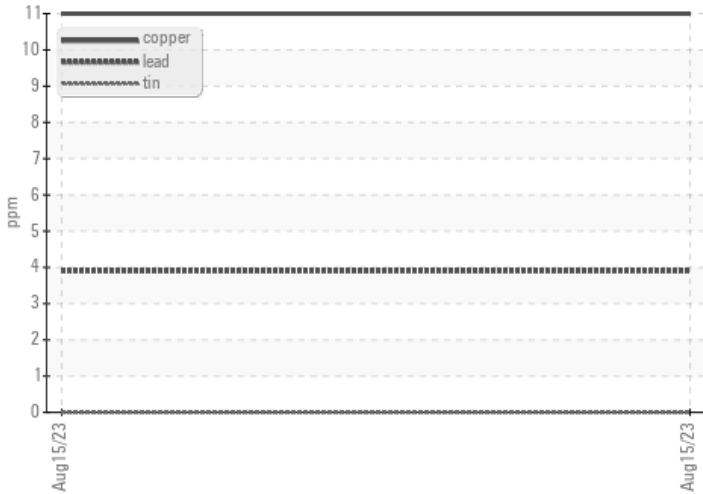


## GRAPHS

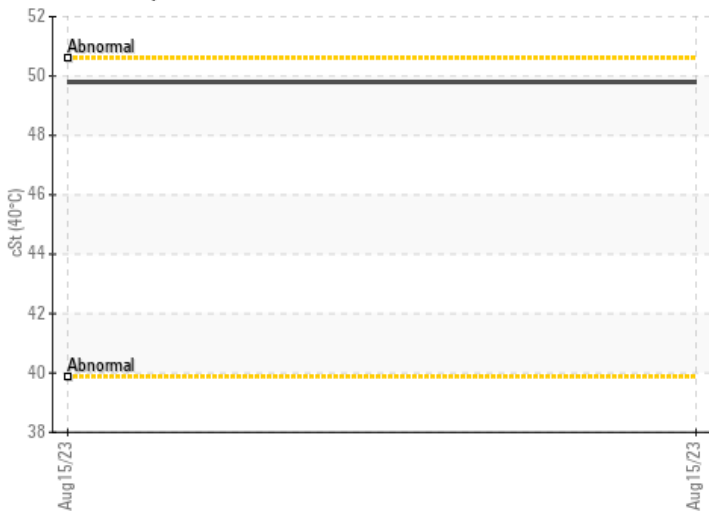
### Ferrous Alloys



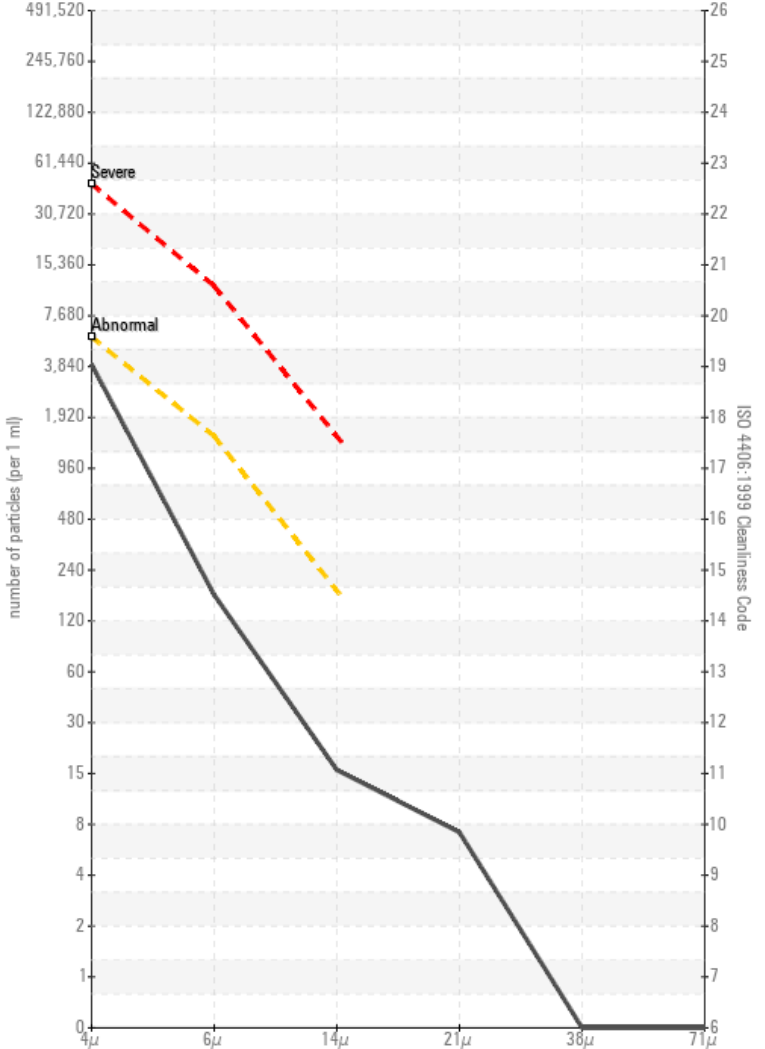
### Non-ferrous Metals



### Viscosity @ 40°C



### Particle Count



### Acid Number

