



# CONSTRUCTION EQUIPMENT

## W07013061 VOLVO L60H 622656 - HYDRAULIC SYSTEM



**Sample No:** VCP409414  
**Oil Type:** MOBIL HYDRAULIC OIL AW 46  
**Job No:** W07013061



**McClung-Logan Virginia LLC- RICHMOND**  
 1345 MOUNTAIN ROAD  
 GLEN ALLEN, VA  
 US 23060  
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 T:  
 F: (804)266-1611

### SAMPLE INFORMATION

Sample Number	VCP409414	---	---	---
Sample Date	02 Aug 2023	---	---	---
Machine Hours	2346	---	---	---
Oil Hours	2000	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

### OIL CONDITION

Visc @ 40°C	cSt	█ 43.1	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.36	---	---	---

### CONTAMINATION

Particles >4µm		4767	---	---	---
Particles >6µm		█ 703	---	---	---
Particles >14µm		█ 37	---	---	---
ISO 4406:1999 (c)		19/17/12	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 0	---	---	---

### WEAR METALS

Iron	ppm	█ 3	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	0	---	---	---

### ADDITIVES

Calcium	ppm	72	---	---	---
Magnesium	ppm	█ 7	---	---	---
Zinc	ppm	█ 440	---	---	---
Phosphorus	ppm	█ 347	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 0	---	---	---

### Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. The amount and size of particulates present in the system are acceptable. There is no indication of any contamination in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

**Depot:** VOLVO8882  
**Unique No:** 10604097  
**Signed:** Don Baldrige  
**Report Date:** 15 Aug 2023

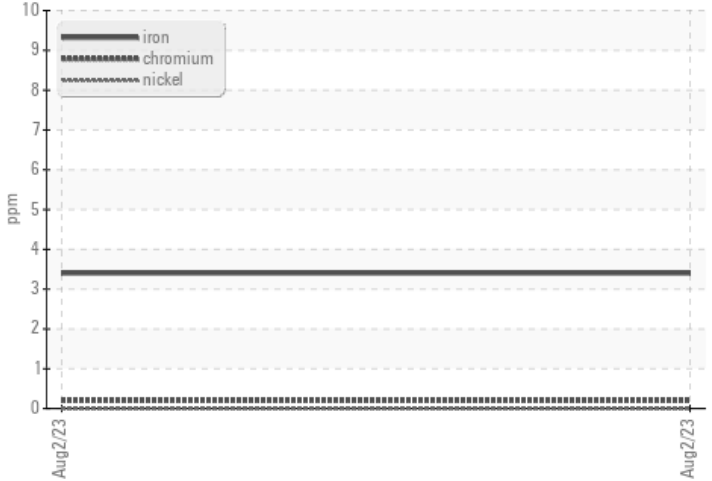


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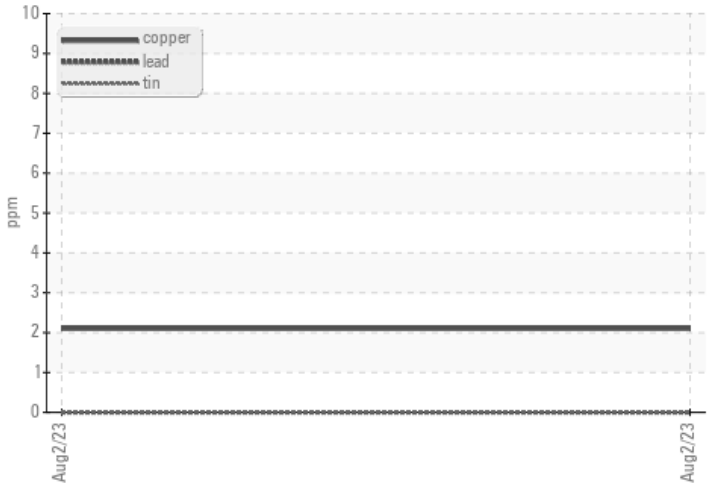


## VOLVO GRAPHS

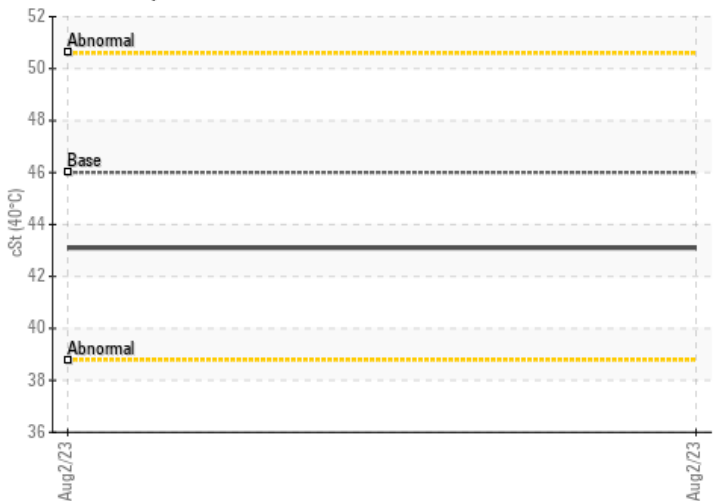
### Ferrous Alloys



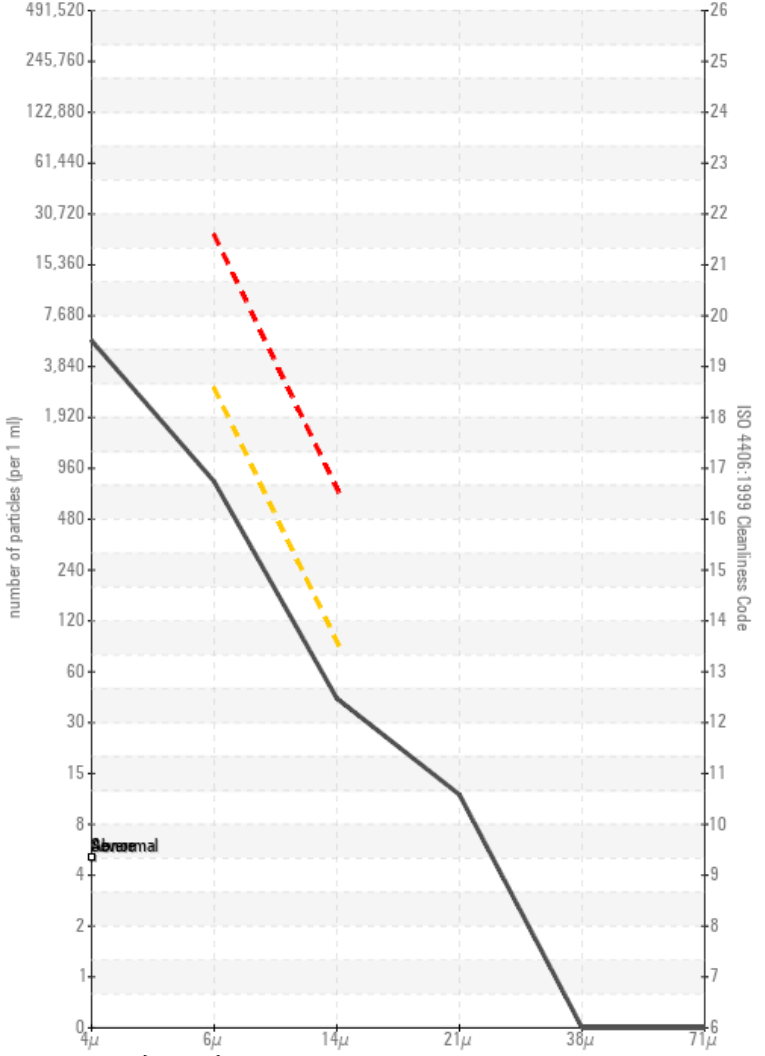
### Non-ferrous Metals



### Viscosity @ 40°C



### Particle Count



### Acid Number

