



# CONSTRUCTION EQUIPMENT

## KOMATSU 130LC K23561480 - HYDRAULIC SYSTEM



**Sample No:** VCP442220

**Oil Type:** {unknown}

**Job No:**



### SAMPLE INFORMATION

Sample Number	VCP442220	---	---	---
Sample Date	14 Jun 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	202	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

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### OIL CONDITION

Visc @ 40°C	cSt	■ 34.7	---	---	---
Acid Number (AN)	mg KOH/g	■ 1.16	---	---	---



### CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		▲ 10860	---	---	---
Particles >6µm		■ 155	---	---	---
Particles >14µm		■ 11	---	---	---
ISO 4406:1999 (c)		21/14/11	---	---	---
Silicon	ppm	■ 20	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ 4	---	---	---

### Diagnosis

No corrective action is recommended at this time. 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. There is a high amount of silt (particulates < 14 microns in size) present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



### WEAR METALS

Iron	ppm	■ 5	---	---	---
Copper	ppm	■ 9	---	---	---
Lead	ppm	■ 5	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	<1	---	---	---



### ADDITIVES

Calcium	ppm	4362	---	---	---
Magnesium	ppm	10	---	---	---
Zinc	ppm	1000	---	---	---
Phosphorus	ppm	769	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	0	---	---	---

**Depot:** VOLVO0093  
**Unique No:** 11086253  
**Signed:** Don Baldrige  
**Report Date:** 20 Jun 2024

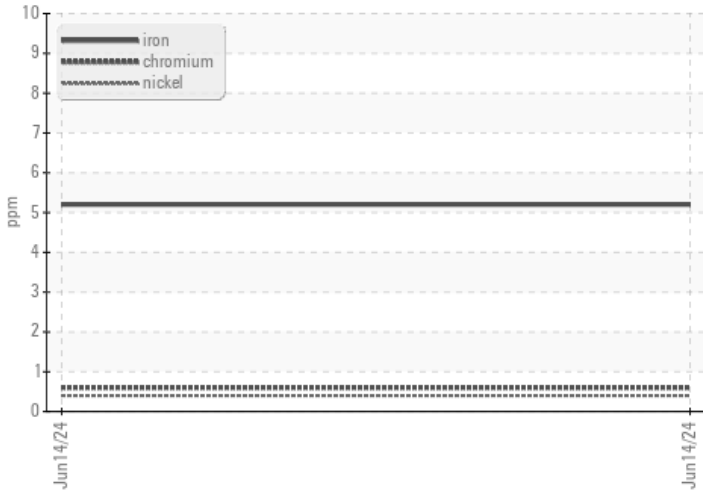


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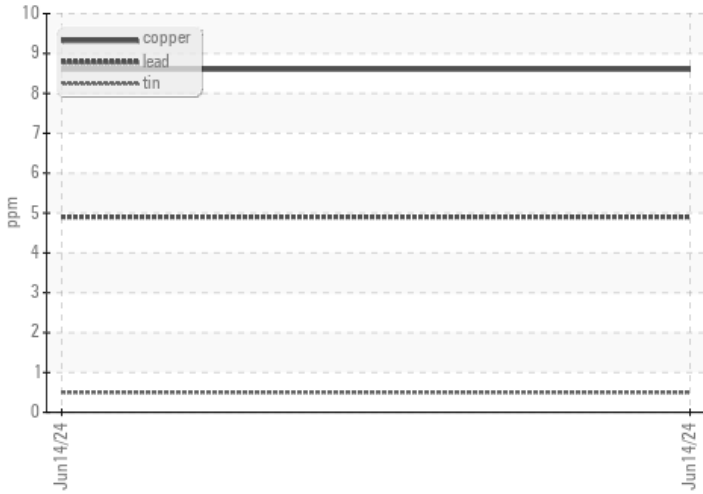


## VOLVO GRAPHS

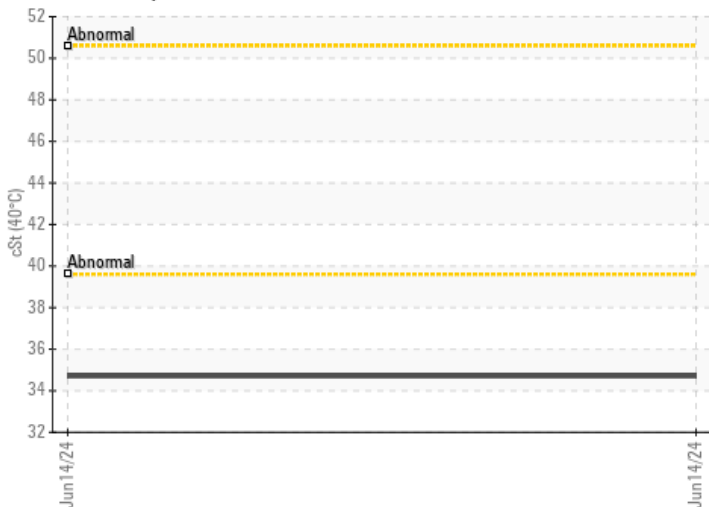
### Ferrous Alloys



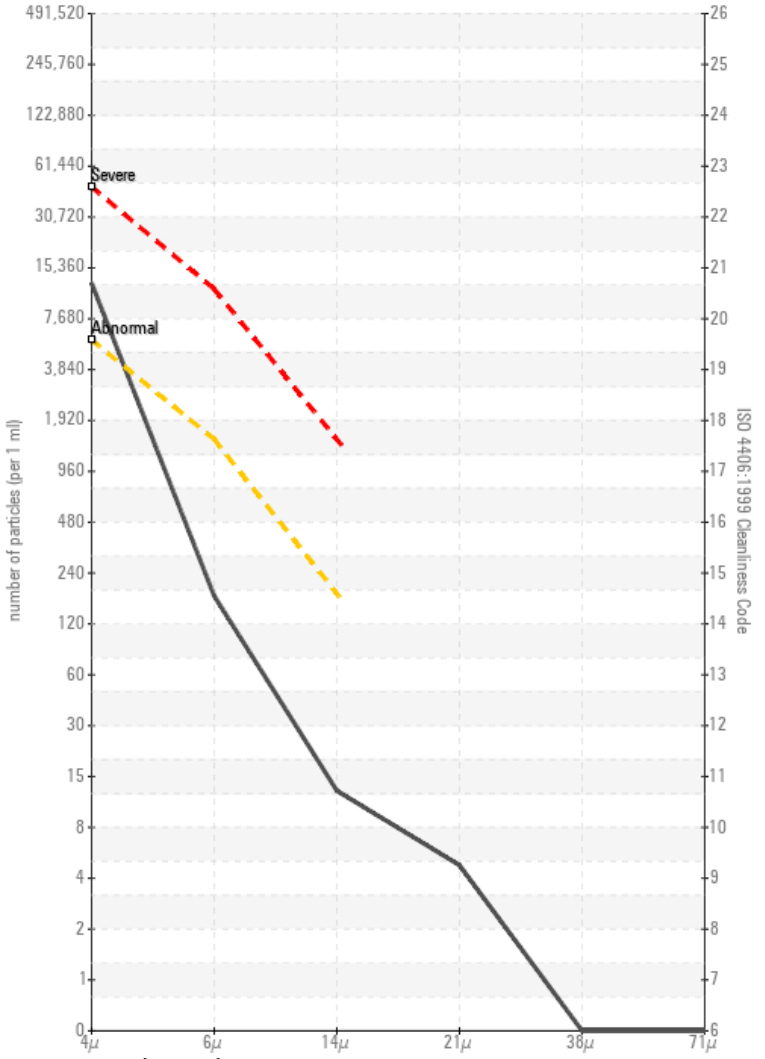
### Non-ferrous Metals



### Viscosity @ 40°C



### Particle Count



### Acid Number

