



# CONSTRUCTION EQUIPMENT

461668-30 VICTORY ST TAKEUCHI TB23S 123601703 - HYDRAULIC SYSTEM



**Sample No:** VCP433350  
**Oil Type:** {unknown}  
**Job No:** 461668-30 VICTORY ST



## SAMPLE INFORMATION

Sample Number	VCP433350	VCP363306	---	---
Sample Date	24 Jan 2024	14 Apr 2022	---	---
Machine Hours	2476	1227	---	---
Oil Hours	0	1227	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

### ALTA EQUIPMENT COMPANY

8750 PHILIPS HWY  
 JACKSONVILLE, FL  
 US 32256

Contact: SHAWN NORTHCRAFT  
 shawn.northcraft@altg.com  
 T: (904)737-6000  
 F: (904)737-1260



## OIL CONDITION

Visc @ 40°C	cSt	44.8	44.8	---	---
Acid Number (AN)	mg KOH/g	0.092	0.14	---	---



## CONTAMINATION

Water	%	NEG	NEG	---	---
Particles >4µm		18855	10834	---	---
Particles >6µm		5438	2430	---	---
Particles >14µm		595	172	---	---
ISO 4406:1999 (c)		21/20/16	21/18/15	---	---
Silicon	ppm	<1	<1	---	---
Sodium	ppm	0	0	---	---
Potassium	ppm	<1	0	---	---

### Diagnosis

We advise that you perform a filter service, and use off-line filtration to improve the cleanliness of the system fluid. We recommend an early resample to monitor this condition. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is a moderate amount of particulates (2 to 100 microns in size) present in the oil. The AN level is acceptable for this fluid. The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.



## WEAR METALS

Iron	ppm	4	2	---	---
Copper	ppm	2	<1	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	2	<1	---	---
Chromium	ppm	<1	0	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	0	0	---	---
Vanadium	ppm	0	0	---	---



## ADDITIVES

Calcium	ppm	1	0	---	---
Magnesium	ppm	<1	0	---	---
Zinc	ppm	66	60	---	---
Phosphorus	ppm	212	286	---	---
Barium	ppm	0	0	---	---
Boron	ppm	0	0	---	---

**Depot:** VOLVO0092  
**Unique No:** 10849418  
**Signed:** Wes Davis  
**Report Date:** 30 Jan 2024

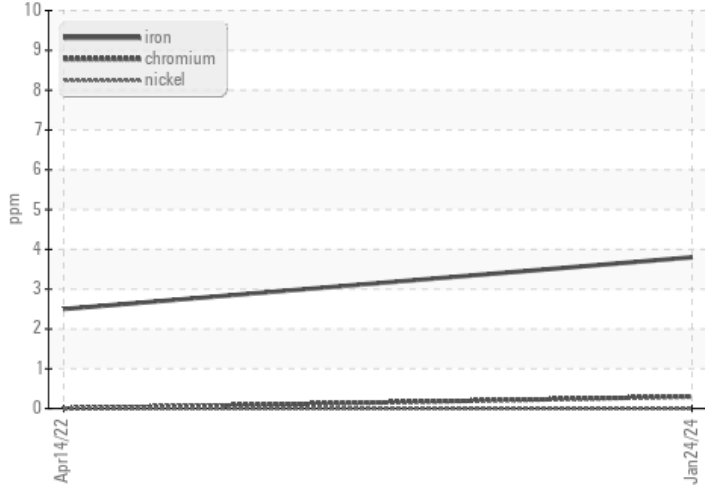


# CONSTRUCTION EQUIPMENT

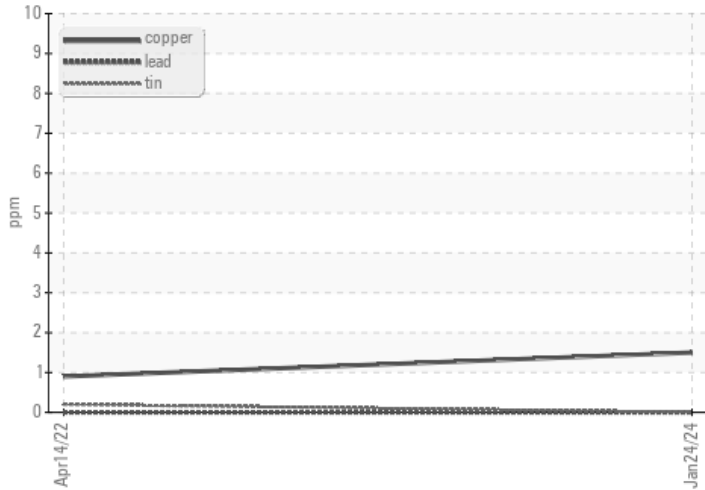


## GRAPHS

### Ferrous Alloys



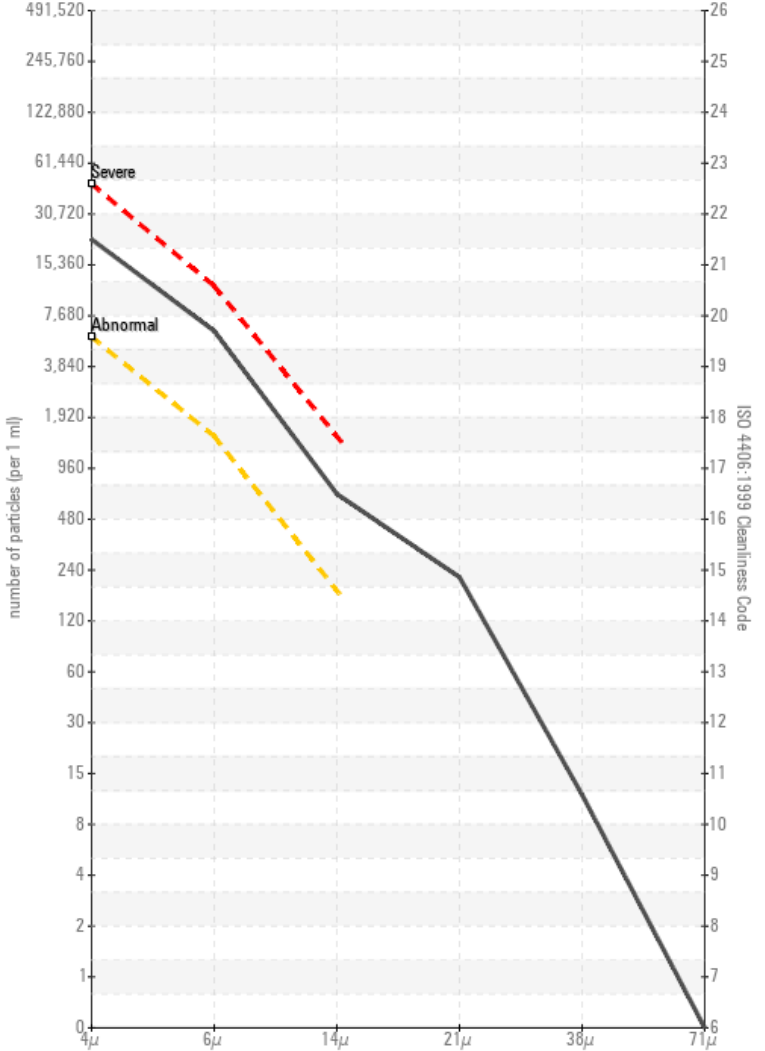
### Non-ferrous Metals



### Viscosity @ 40°C



### Particle Count



### Acid Number

