



# CONSTRUCTION EQUIPMENT

455652-20 TB LANDMAR TAKEUCHI TL10VZ 410001434 - HYDRAULIC SYSTEM



**Sample No:** VCP403737  
**Oil Type:** {unknown}  
**Job No:** 455652-20 TB LANDMAR



## SAMPLE INFORMATION

Sample Number	VCP403737	---	---	---
Sample Date	16 Jan 2024	---	---	---
Machine Hours	2400	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

**ALTA EQUIPMENT COMPANY**  
8750 PHILIPS HWY  
JACKSONVILLE, FL  
US 32256  
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T: (904)737-6000  
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## OIL CONDITION

Visc @ 40°C	cSt	■ 54.5	---	---	---
Acid Number (AN)	mg KOH/g	■ 0.40	---	---	---

## CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		▲ 5471	---	---	---
Particles >6µm		■ 810	---	---	---
Particles >14µm		■ 28	---	---	---
ISO 4406:1999 (c)		20/17/12	---	---	---
Silicon	ppm	■ 4	---	---	---
Sodium	ppm	■ <1	---	---	---
Potassium	ppm	■ 0	---	---	---

### Diagnosis

Oil and filter change at the time of sampling has been noted. 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 moderate amount of silt (particulates < 6 microns in size) present in the oil. The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.

## WEAR METALS

Iron	ppm	■ 0	---	---	---
Copper	ppm	■ 13	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 0	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	2	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---

## ADDITIVES

Calcium	ppm	551	---	---	---
Magnesium	ppm	13	---	---	---
Zinc	ppm	422	---	---	---
Phosphorus	ppm	336	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	0	---	---	---

**Depot:** VOLVO0092  
**Unique No:** 10836915  
**Signed:** Doug Bogart  
**Report Date:** 24 Jan 2024

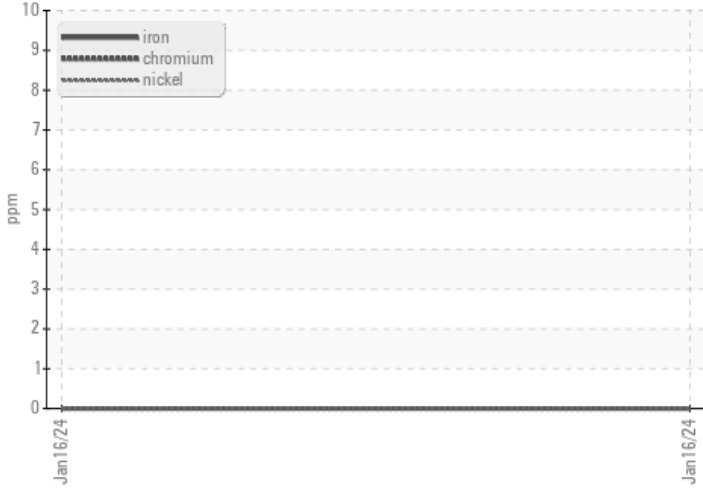


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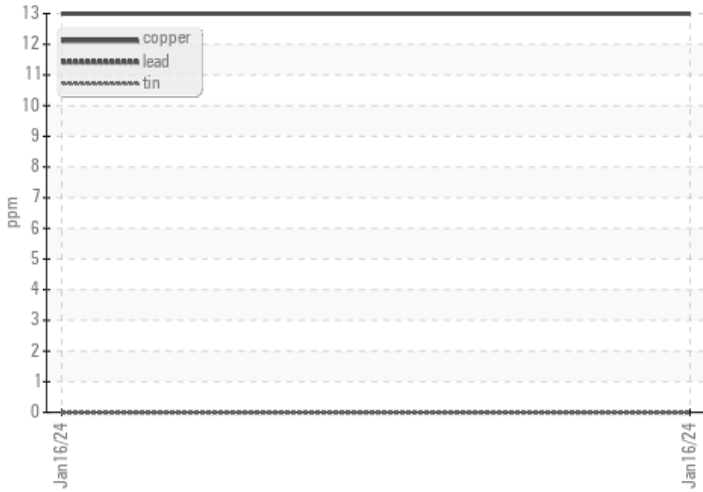


## GRAPHS

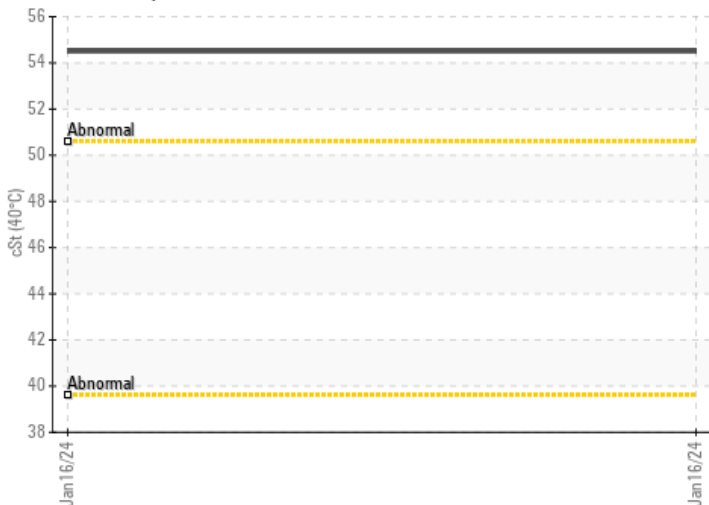
### Ferrous Alloys



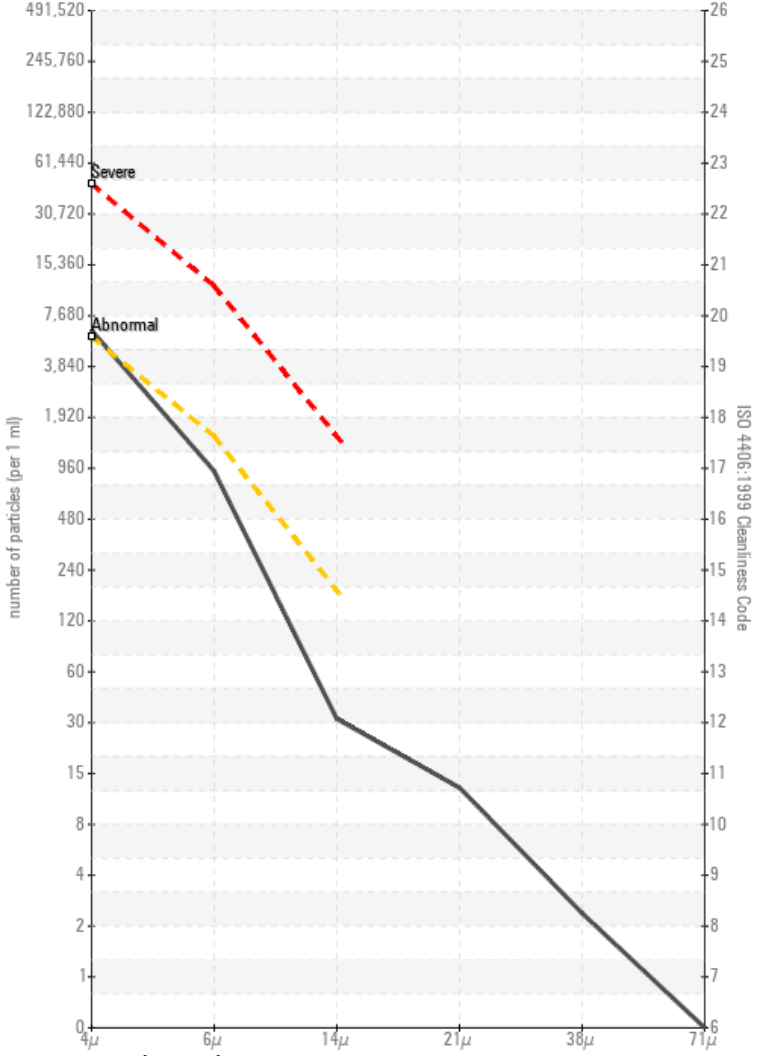
### Non-ferrous Metals



### Viscosity @ 40°C



### Particle Count



### Acid Number

