



# CONSTRUCTION EQUIPMENT

633435 MOSAIC TAKEUCHI TB260CR 126107792 - HYDRAULIC SYSTEM



**Sample No:** VCP430496  
**Oil Type:** TAKEUCHI VG 46  
**Job No:** 633435 MOSAIC



## SAMPLE INFORMATION

Sample Number	VCP430496	VCP422665	---	---
Sample Date	14 Nov 2023	27 Jun 2023	---	---
Machine Hours	558	284	---	---
Oil Hours	558	284	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	ABNORMAL	---	---

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## OIL CONDITION

Visc @ 40°C	cSt	█ 47.0	█ 46.5	---	---
Acid Number (AN)	mg KOH/g	█ 0.17	█ 0.20	---	---



## CONTAMINATION

Water	%	NEG	NEG	---	---
Particles >4µm		█ 1771	▲ 10281	---	---
Particles >6µm		█ 226	▲ 3583	---	---
Particles >14µm		█ 12	▲ 313	---	---
ISO 4406:1999 (c)		18/15/11	21/19/15	---	---
Silicon	ppm	█ 3	█ 1	---	---
Sodium	ppm	█ 0	█ 0	---	---
Potassium	ppm	█ 2	█ <1	---	---

## Diagnosis

Resample at the next service interval to monitor. 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	█ 15	█ 3	---	---
Copper	ppm	█ 5	█ 4	---	---
Lead	ppm	█ <1	█ <1	---	---
Tin	ppm	█ <1	█ 0	---	---
Aluminum	ppm	█ 2	█ 0	---	---
Chromium	ppm	█ <1	█ 0	---	---
Molybdenum	ppm	<1	0	---	---
Nickel	ppm	█ <1	█ 0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	0	---	---
Vanadium	ppm	0	0	---	---



## ADDITIVES

Calcium	ppm	16	9	---	---
Magnesium	ppm	2	2	---	---
Zinc	ppm	112	131	---	---
Phosphorus	ppm	261	309	---	---
Barium	ppm	0	2	---	---
Boron	ppm	0	0	---	---

**Depot:** VOLVO0093  
**Unique No:** 10764999  
**Signed:** Wes Davis  
**Report Date:** 30 Nov 2023

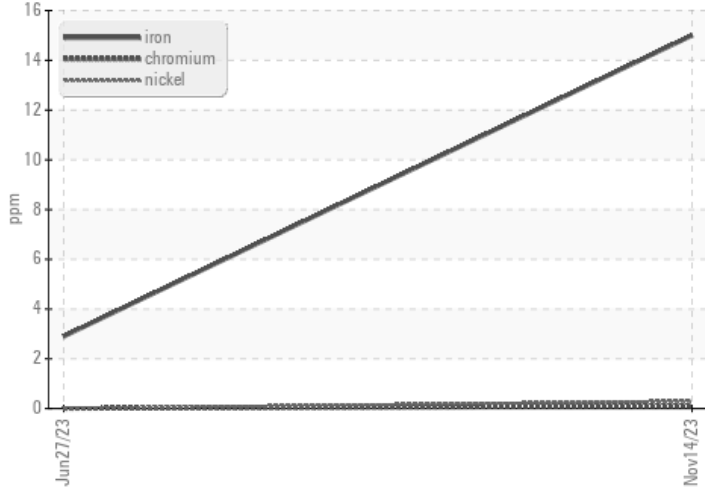


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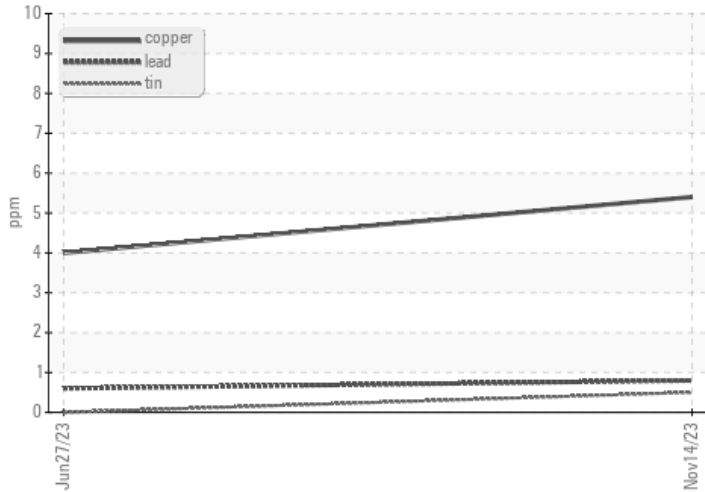


## GRAPHS

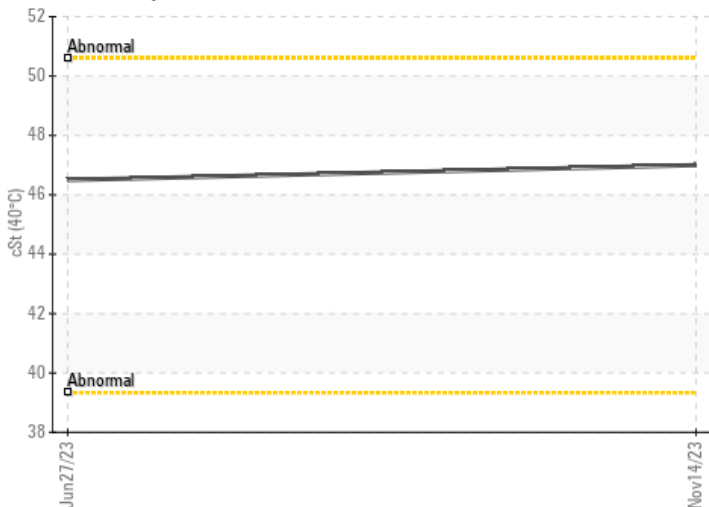
### Ferrous Alloys



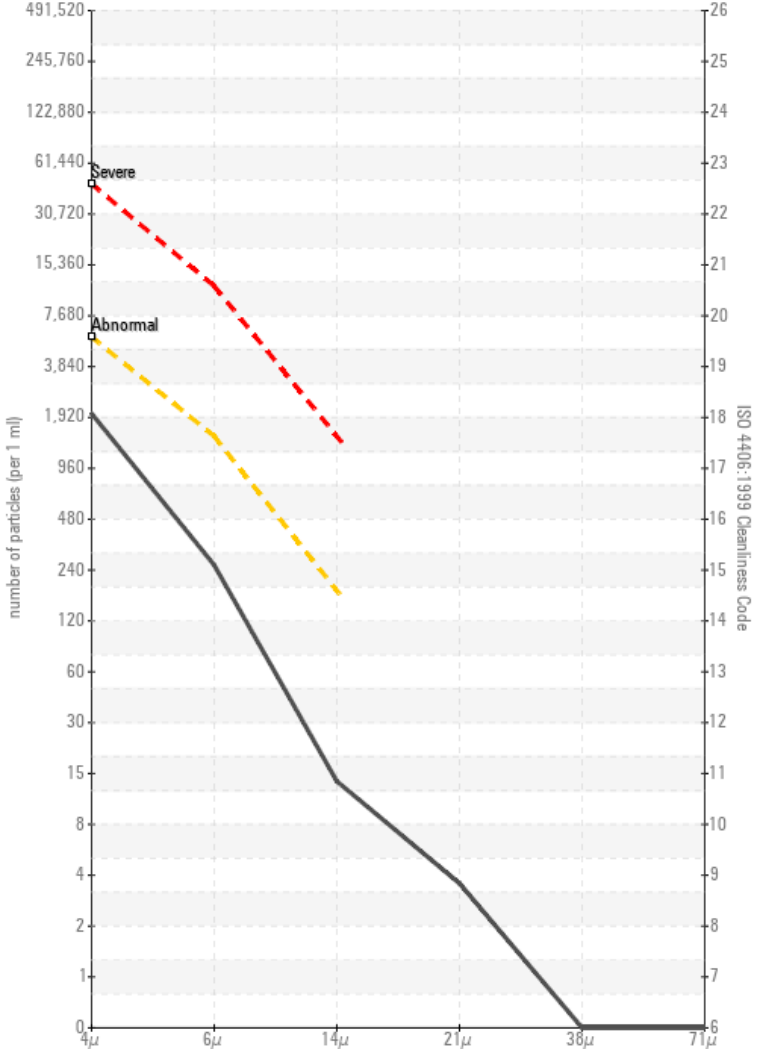
### Non-ferrous Metals



### Viscosity @ 40°C



### Particle Count



### Acid Number

