



CONSTRUCTION EQUIPMENT

TAKEUCHI TL10V2CRH 410006491 - HYDRAULIC SYSTEM



Sample No: VCP451388
Oil Type: {unknown}
Job No:



SAMPLE INFORMATION

Sample Number	VCP451388	---	---	---
Sample Date	26 Jun 2024	---	---	---
Machine Hours	486	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

ALTA EQUIPMENT COMPANY
 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
 Contact: TODD LARK
 tlark@altaequipfl.com
 T:
 F: (239)481-3302



OIL CONDITION

Visc @ 40°C	cSt	■ 56.8	---	---	---
Acid Number (AN)	mg KOH/g	■ 1.46	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		■ 7545	---	---	---
Particles >6µm		■ 1521	---	---	---
Particles >14µm		▲ 163	---	---	---
ISO 4406:1999 (c)		20/18/15	---	---	---
Silicon	ppm	■ 8	---	---	---
Sodium	ppm	■ 1	---	---	---
Potassium	ppm	■ 2	---	---	---

Diagnosis

No corrective action is recommended at this time. The filter change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is a high amount of particulates 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	■ 8	---	---	---
Copper	ppm	■ 21	---	---	---
Lead	ppm	■ 3	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 23	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	1	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	■ 2872	---	---	---
Magnesium	ppm	■ 146	---	---	---
Zinc	ppm	■ 841	---	---	---
Phosphorus	ppm	■ 584	---	---	---
Barium	ppm	■ 2	---	---	---
Boron	ppm	■ 37	---	---	---

Depot: VOLVO0090
Unique No: 11101640
Signed: Don Baldrige
Report Date: 01 Jul 2024

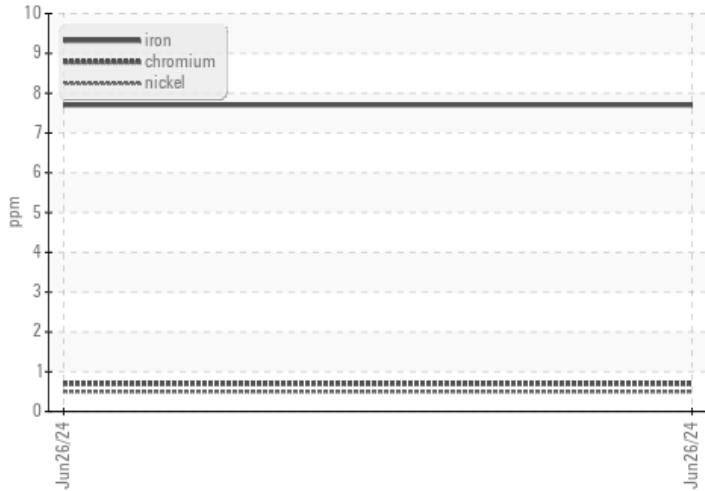


CONSTRUCTION EQUIPMENT

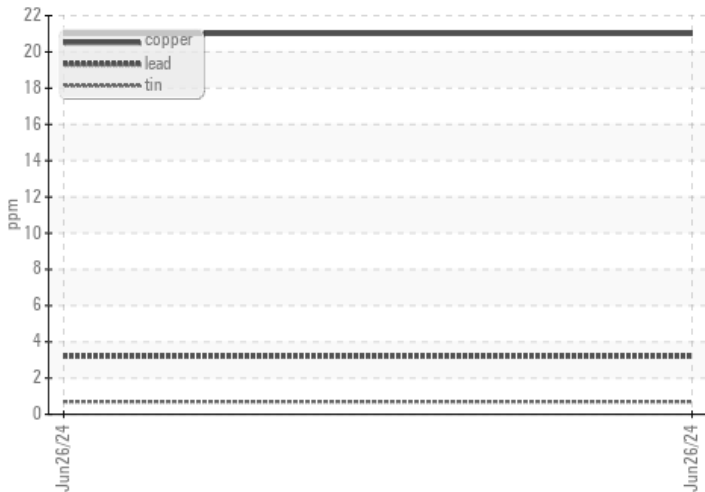


GRAPHS

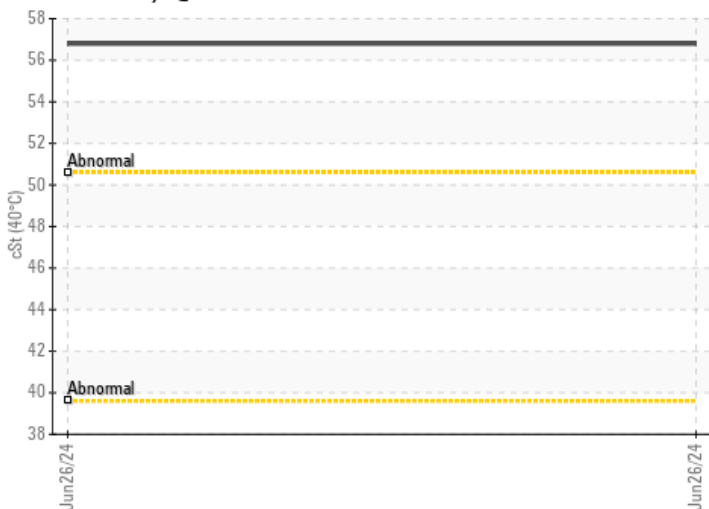
Ferrous Alloys



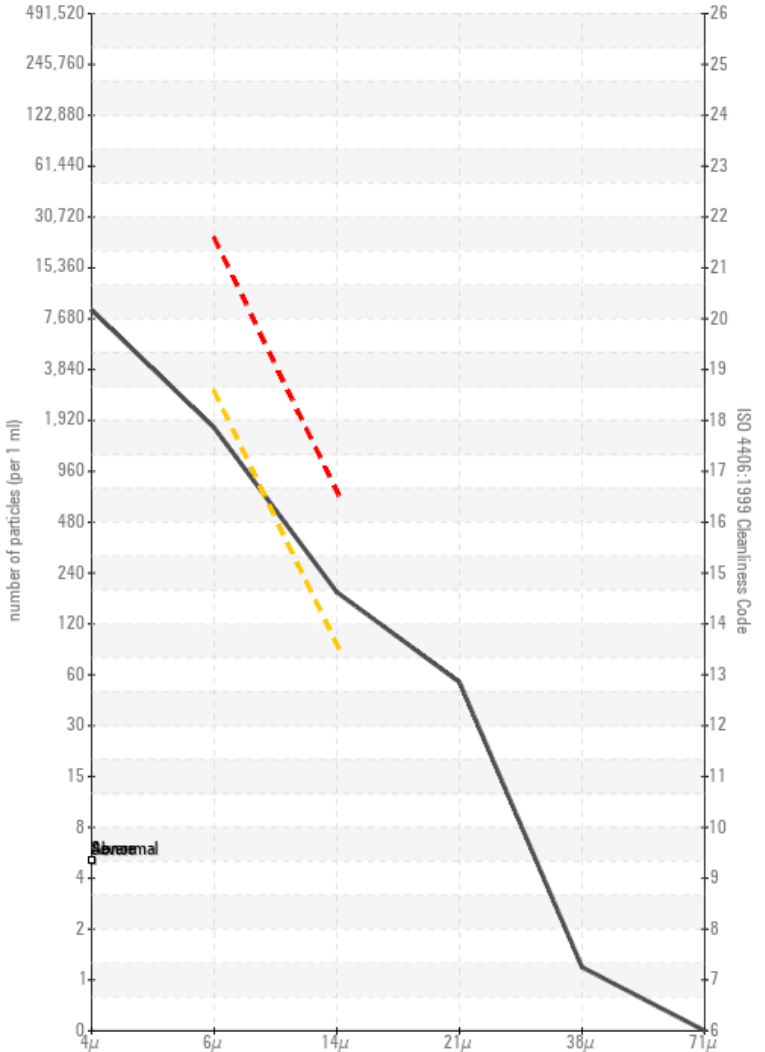
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

