



CONSTRUCTION EQUIPMENT

567450 MOSAIC TAKEUCHI TB2150 514601123 - HYDRAULIC SYSTEM



Sample No: VCP422658
Oil Type: TAKEUCHI VG 46
Job No: 567450 MOSAIC



SAMPLE INFORMATION

Sample Number	VCP422658	---	---	---
Sample Date	30 Jun 2023	---	---	---
Machine Hours	477	---	---	---
Oil Hours	477	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
8418 PALM RIVER ROAD
TAMPA, FL
US 33619
Contact: JOHN FARDELLA
JFARDELLA@ALTAEQUIPFL.COM
T: (813)630-0077
F: (813)630-2233



OIL CONDITION

Visc @ 40°C	cSt	█ 47.4	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.15	---	---	---



CONTAMINATION

Particles >4µm		█ 3306	---	---	---
Particles >6µm		█ 612	---	---	---
Particles >14µm		█ 32	---	---	---
ISO 4406:1999 (c)		19/16/12	---	---	---
Silicon	ppm	█ 1	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ <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	█ 2	---	---	---
Copper	ppm	█ 3	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	3	---	---	---
Magnesium	ppm	1	---	---	---
Zinc	ppm	82	---	---	---
Phosphorus	ppm	295	---	---	---
Barium	ppm	2	---	---	---
Boron	ppm	0	---	---	---

Depot: VOLVO0093
Unique No: 10574235
Signed: Wes Davis
Report Date: 27 Jul 2023

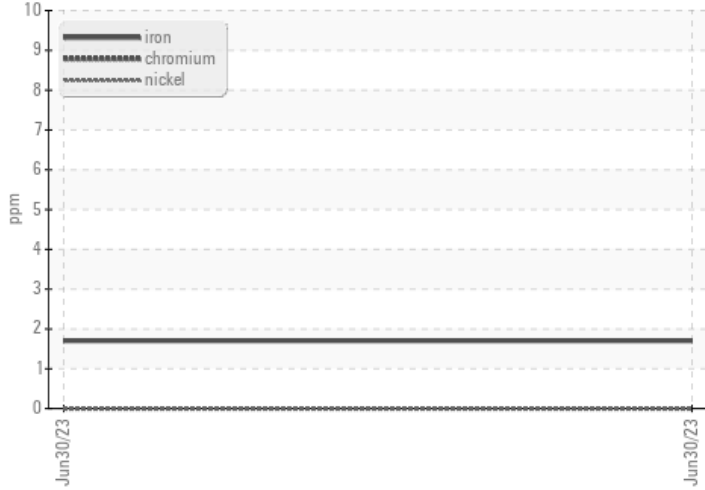


CONSTRUCTION EQUIPMENT

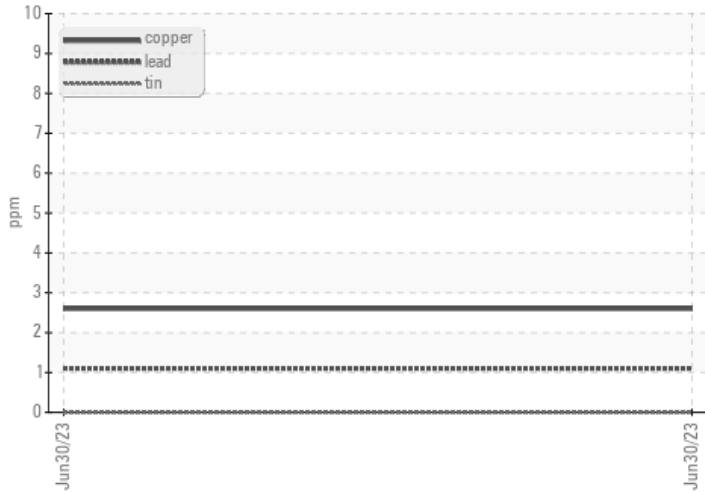


VOLVO GRAPHS

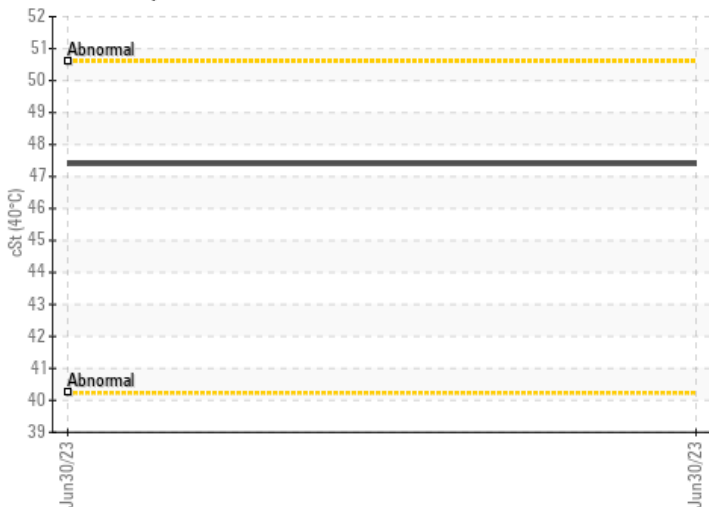
Ferrous Alloys



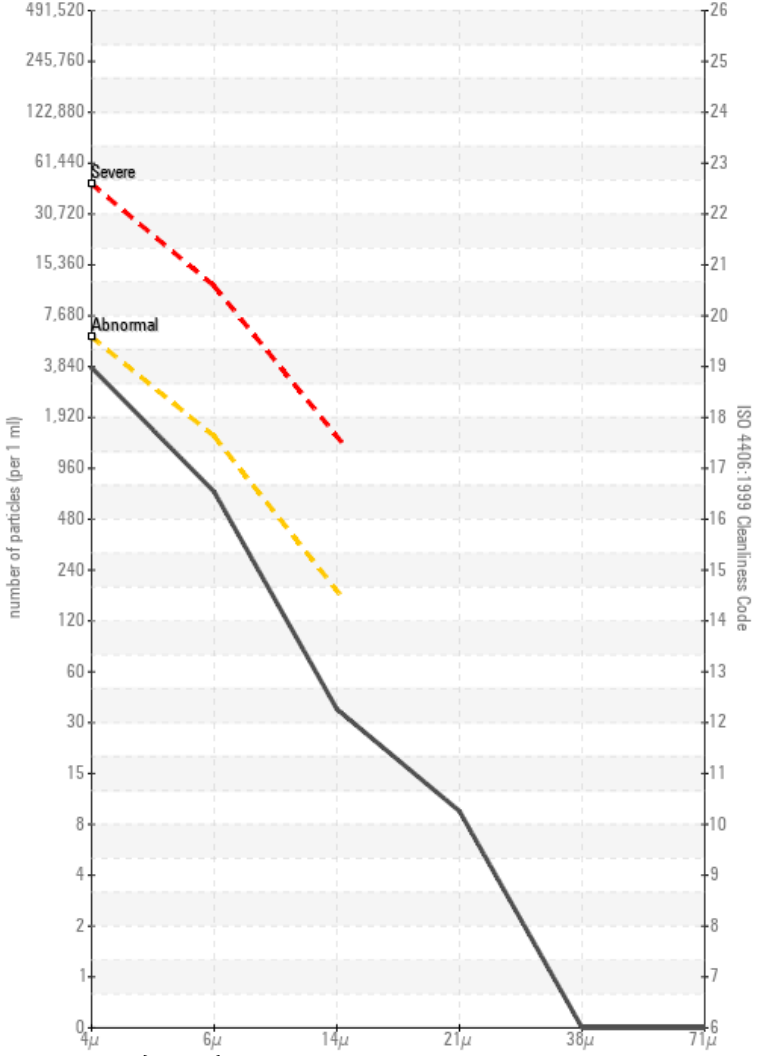
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

