



CONSTRUCTION EQUIPMENT

CONTINAL FENCE TAKEUCHI TL12 412006460 - HYDRAULIC SYSTEM



Sample No: VCP442742
Oil Type: NOT GIVEN
Job No: CONTINAL FENCE



SAMPLE INFORMATION

Sample Number	VCP442742	---	---	---
Sample Date	26 Sep 2023	---	---	---
Machine Hours	285	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 47.6	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.83	---	---	---



CONTAMINATION

Particles >4µm		▲ 12719	---	---	---
Particles >6µm		▲ 1549	---	---	---
Particles >14µm		█ 72	---	---	---
ISO 4406:1999 (c)		21/18/13	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 3	---	---	---

Diagnosis

The filter change at the time of sampling has been noted. 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 silt (particulates < 14 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	█ 2	---	---	---
Copper	ppm	█ 5	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	15	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	2012	---	---	---
Magnesium	ppm	43	---	---	---
Zinc	ppm	626	---	---	---
Phosphorus	ppm	537	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	26	---	---	---

Depot: VOLVO0093
Unique No: 10714236
Signed: Wes Davis
Report Date: 30 Oct 2023

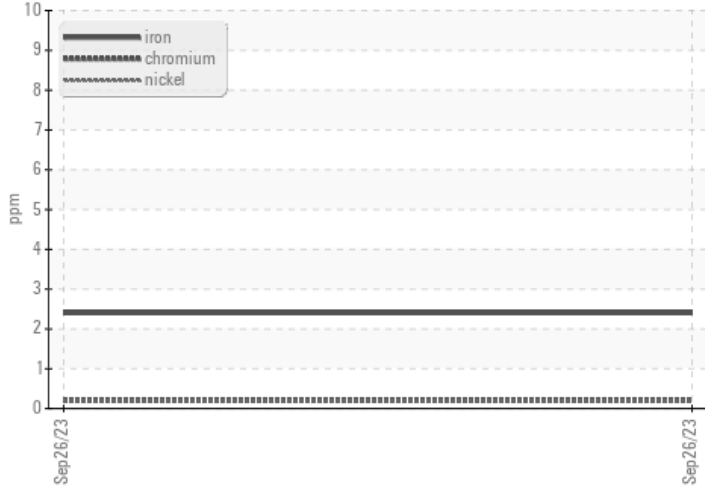


CONSTRUCTION EQUIPMENT

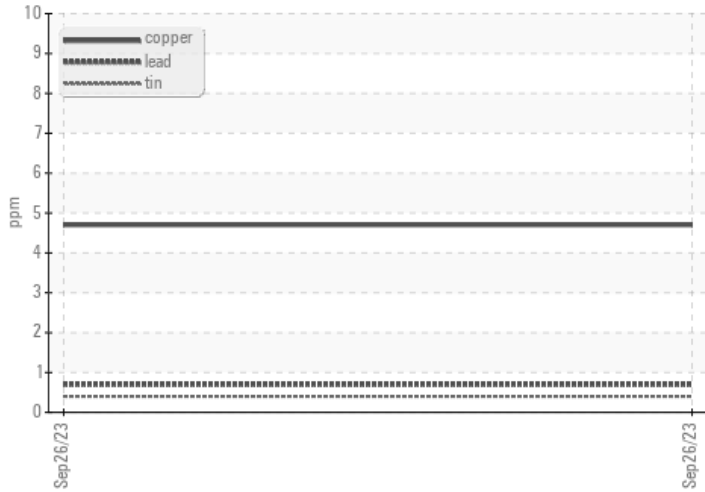


GRAPHS

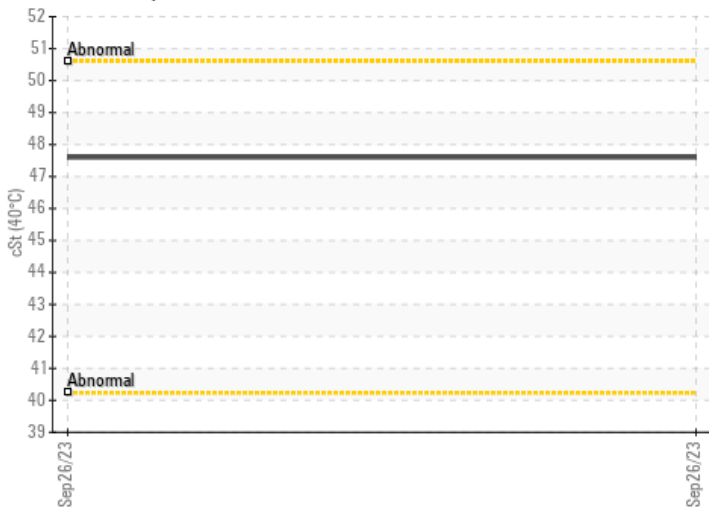
Ferrous Alloys



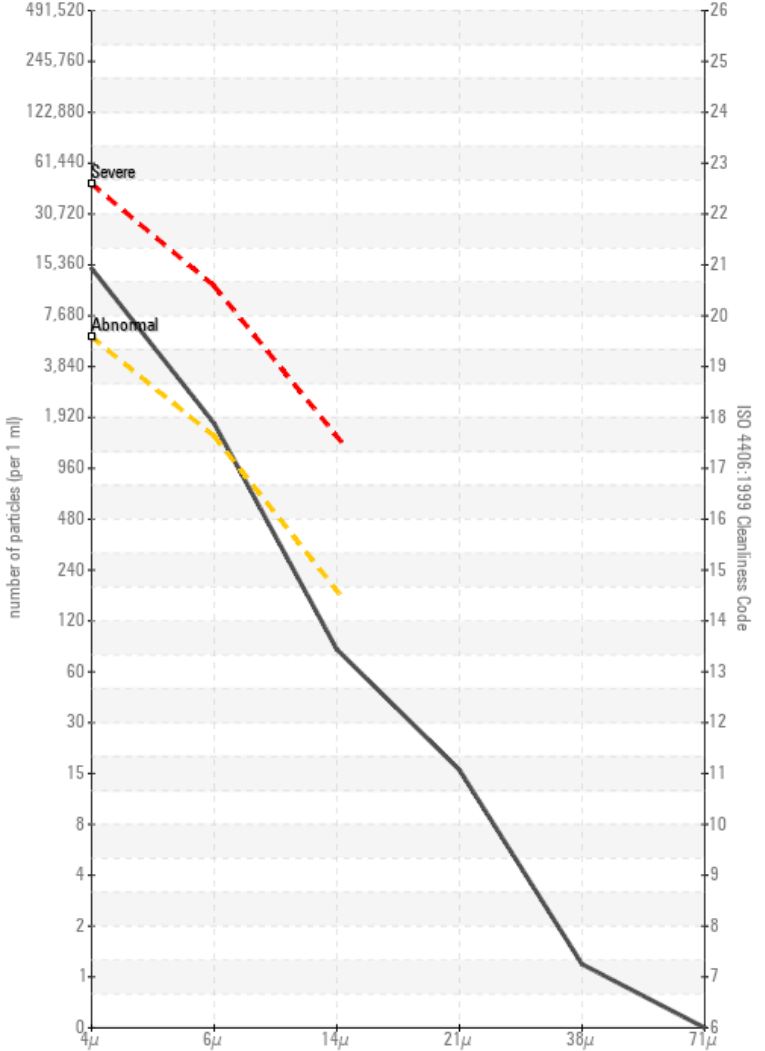
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

