



CONSTRUCTION EQUIPMENT

74852 LAKE CONWAY TAKEUCHI TB225 122600181 - HYDRAULIC SYSTEM



Sample No: VCP445672
Oil Type: {unknown}
Job No: 74852 LAKE CONWAY



SAMPLE INFORMATION

Sample Number	VCP445672	VCP445676	VCP385485	---
Sample Date	20 Feb 2024	19 Feb 2024	21 Oct 2022	---
Machine Hours	907	811	366	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Not Chngd	Not Chngd	---
Sample Status	SEVERE	SEVERE	NORMAL	---

ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
8418 PALM RIVER ROAD
TAMPA, FL
US 33619
Contact: KENNY HANEY
khaney@flaglerce.com
T: (813)630-0077
F: (813)630-2233



OIL CONDITION

Visc @ 40°C	cSt	44.8	45.0	44.9	---
Acid Number (AN)	mg KOH/g	0.15	0.15	0.17	---



CONTAMINATION

Water	%	NEG	NEG	NEG	---
Particles >4µm		55129	45865	2935	---
Particles >6µm		12528	12799	240	---
Particles >14µm		271	445	12	---
ISO 4406:1999 (c)		23/21/15	23/21/16	19/15/11	---
Silicon	ppm	4	2	1	---
Sodium	ppm	0	0	0	---
Potassium	ppm	<1	<1	0	---

Diagnosis

Check seals and/or filters for points of contaminant entry. The air breather requires service. If unrated, we recommend that you replace with a suitable micron rated and/or desiccant air breather. If rated, we recommend that you service/replace the breather. The filter change at the time of sampling has been noted. Resample in 30-45 days to monitor this situation. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is a high 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	6	3	3	---
Copper	ppm	3	2	2	---
Lead	ppm	<1	<1	0	---
Tin	ppm	<1	<1	0	---
Aluminum	ppm	<1	<1	<1	---
Chromium	ppm	<1	<1	0	---
Molybdenum	ppm	<1	<1	0	---
Nickel	ppm	<1	<1	0	---
Titanium	ppm	<1	<1	0	---
Silver	ppm	<1	<1	0	---
Manganese	ppm	<1	<1	<1	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	<1	13	1	---
Magnesium	ppm	0	<1	0	---
Zinc	ppm	57	28	50	---
Phosphorus	ppm	365	216	279	---
Barium	ppm	5	5	<1	---
Boron	ppm	0	0	0	---

Depot: VOLVO0093
Unique No: 10896537
Signed: Wes Davis
Report Date: 26 Feb 2024

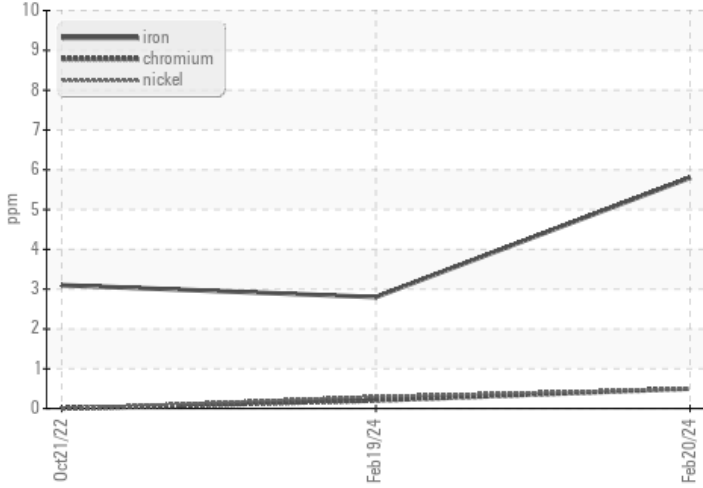


CONSTRUCTION EQUIPMENT

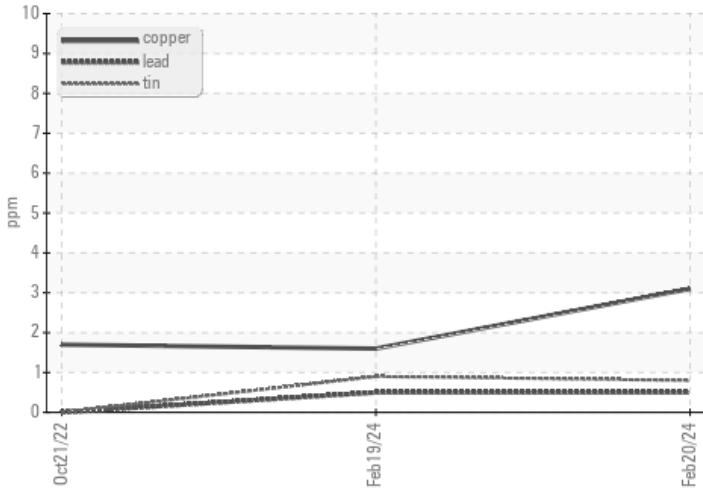


GRAPHS

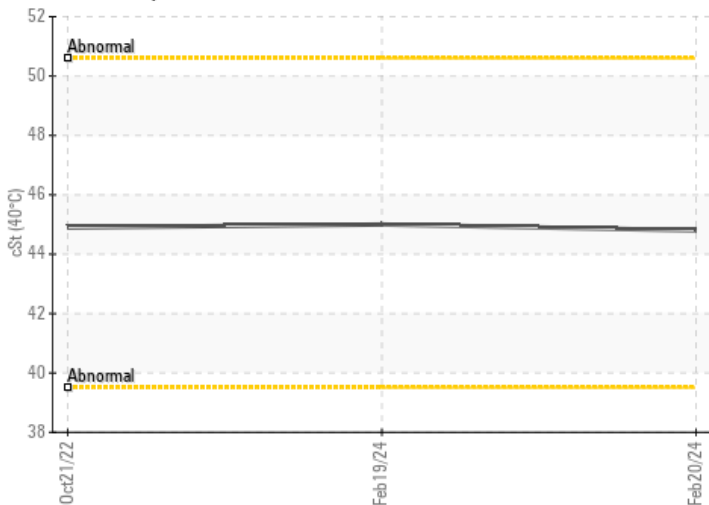
Ferrous Alloys



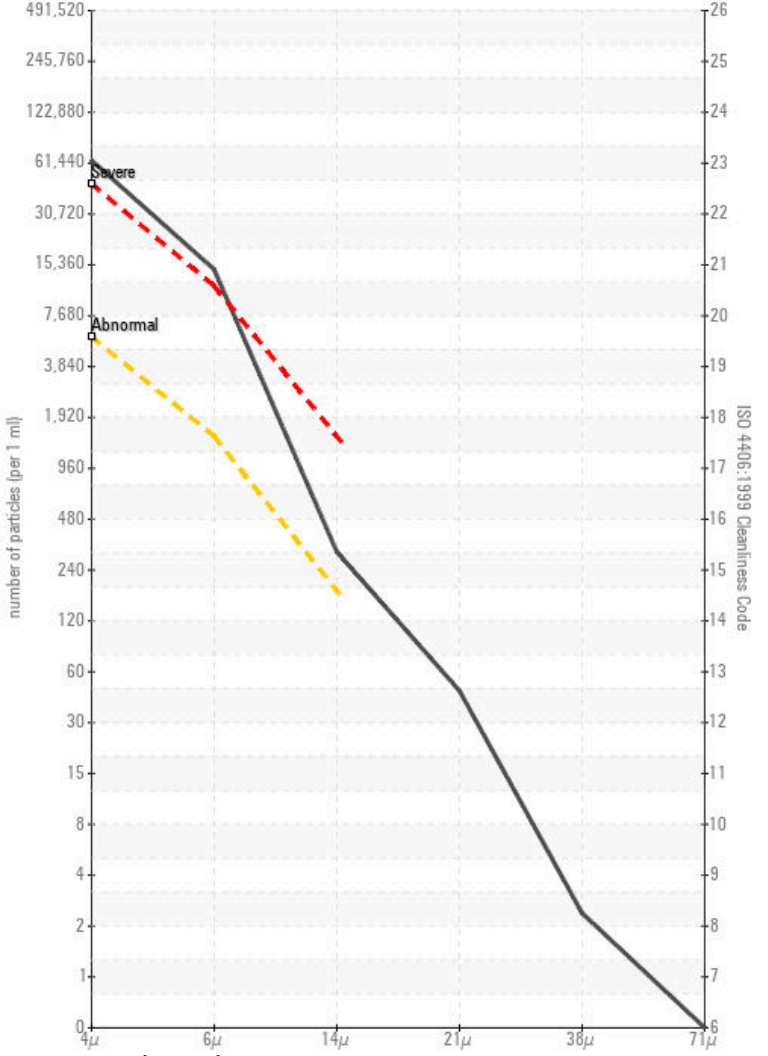
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

