



CONSTRUCTION EQUIPMENT

74854 LAKE CONWAY TAKEUCHI TB230R 130008591 - HYDRAULIC SYSTEM



Sample No: VCP445671
Oil Type: AW HYDRAULIC OIL ISO 46
Job No: 74854 LAKE CONWAY



SAMPLE INFORMATION

Sample Number	VCP445671	VCP368648	---	---
Sample Date	19 Feb 2024	21 Oct 2022	---	---
Machine Hours	1006	349	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Chngd	---	---
Sample Status	ABNORMAL	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	█ 45.1	█ 45.8	---	---
Acid Number (AN)	mg KOH/g	█ 0.26	█ 0.14	---	---



CONTAMINATION

Water	%	NEG	NEG	---	---
Particles >4µm		▲ 10983	█ 1147	---	---
Particles >6µm		▲ 1596	█ 249	---	---
Particles >14µm		█ 68	█ 22	---	---
ISO 4406:1999 (c)		21/18/13	17/15/12	---	---
Silicon	ppm	█ 2	█ <1	---	---
Sodium	ppm	█ 0	█ 0	---	---
Potassium	ppm	█ <1	█ 0	---	---

Diagnosis

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. 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 condition of the oil is suitable for further service.



WEAR METALS

Iron	ppm	█ 3	█ 2	---	---
Copper	ppm	█ 3	█ 3	---	---
Lead	ppm	█ <1	█ <1	---	---
Tin	ppm	█ <1	█ 0	---	---
Aluminum	ppm	█ <1	█ <1	---	---
Chromium	ppm	█ <1	█ <1	---	---
Molybdenum	ppm	█ <1	0	---	---
Nickel	ppm	█ <1	0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	█ <1	0	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	█ 2	2	---	---
Magnesium	ppm	█ 0	<1	---	---
Zinc	ppm	█ 64	74	---	---
Phosphorus	ppm	█ 214	293	---	---
Barium	ppm	█ 5	0	---	---
Boron	ppm	█ 0	0	---	---

Depot: VOLVO0093
Unique No: 10896536
Signed: Don Baldrige
Report Date: 26 Feb 2024

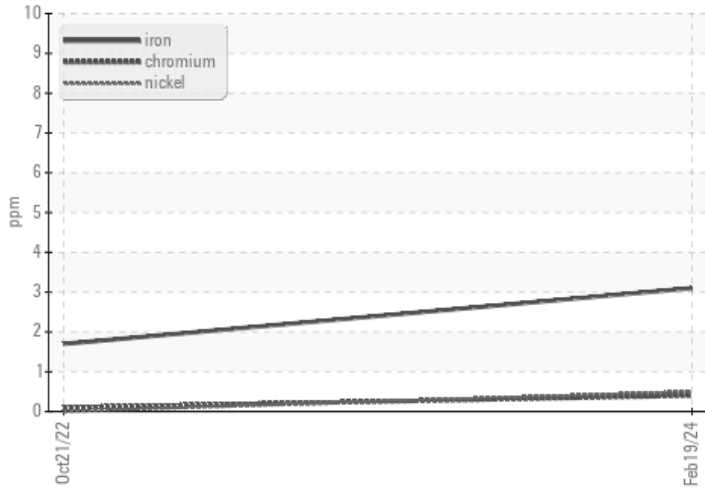


CONSTRUCTION EQUIPMENT

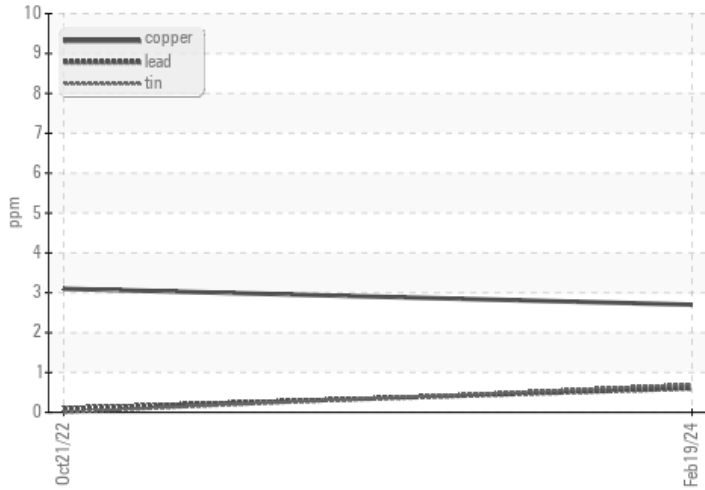


GRAPHS

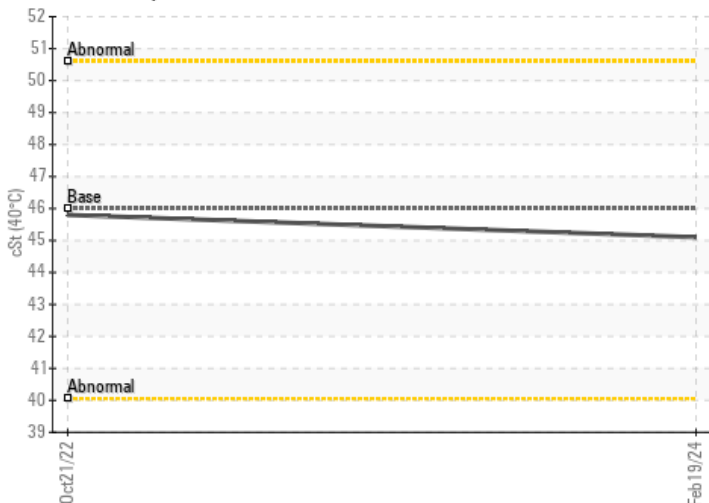
Ferrous Alloys



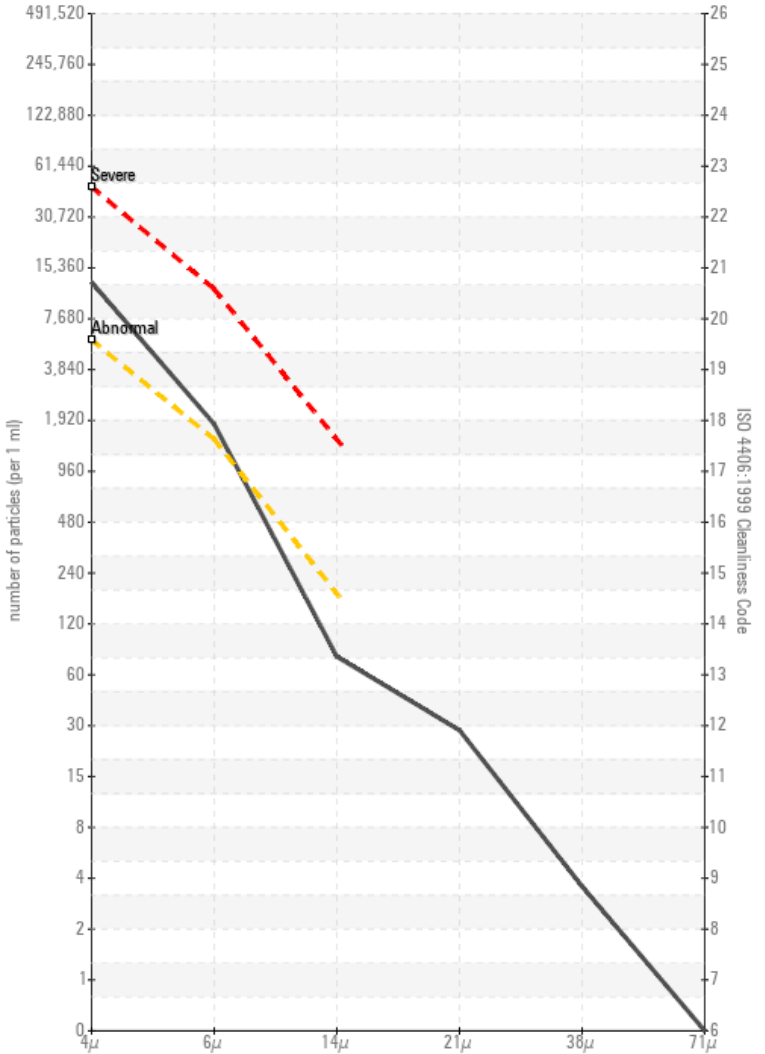
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

