



CONSTRUCTION EQUIPMENT

13455 TAKEUCHI TL12-V2 412003865 - HYDRAULIC SYSTEM



Sample No: VCP414557

Oil Type: NOT GIVEN

Job No: 13455



SAMPLE INFORMATION

Sample Number	VCP414557	---	---	---
Sample Date	20 Sep 2023	---	---	---
Machine Hours	1200	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

McClung-Logan Virginia LLC- RICHMOND
 1345 MOUNTAIN ROAD
 GLEN ALLEN, VA
 US 23060
 Contact: KYLE RATLIFFE
 KRATLIFFE@MCCLUNG-LOGAN.COM
 T:
 F: (804)266-1611

OIL CONDITION

Visc @ 40°C	cSt	■ 44.0	---	---	---
Acid Number (AN)	mg KOH/g	■ 0.68	---	---	---

CONTAMINATION

Particles >4µm		▲ 11216	---	---	---
Particles >6µm		■ 471	---	---	---
Particles >14µm		■ 10	---	---	---
ISO 4406:1999 (c)		21/16/10	---	---	---
Silicon	ppm	■ 11	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ 7	---	---	---

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	■ 16	---	---	---
Copper	ppm	■ 12	---	---	---
Lead	ppm	■ 2	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 3	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	19	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	3189	---	---	---
Magnesium	ppm	30	---	---	---
Zinc	ppm	763	---	---	---
Phosphorus	ppm	607	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	21	---	---	---

Depot: VOLVO8882
Unique No: 10660965
Signed: Wes Davis
Report Date: 26 Sep 2023

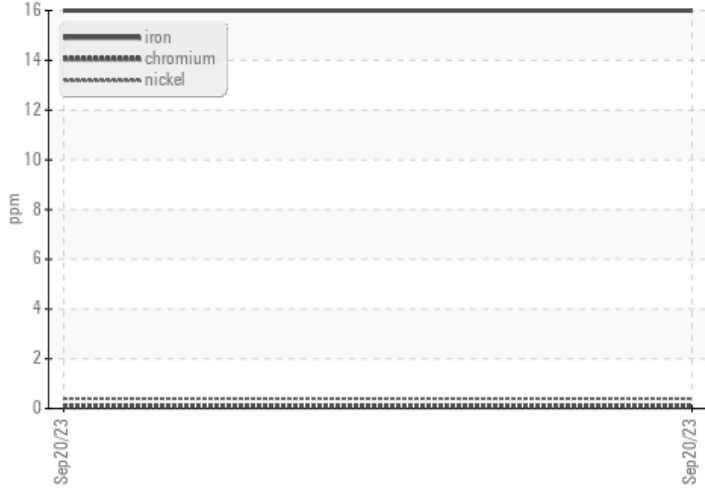


CONSTRUCTION EQUIPMENT

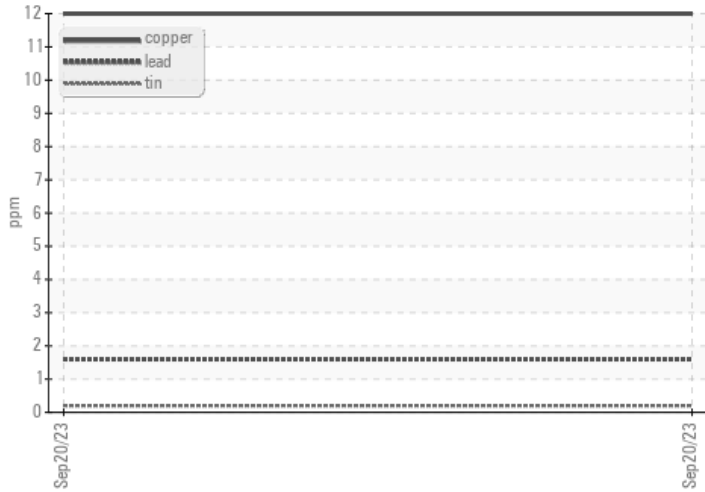


GRAPHS

Ferrous Alloys



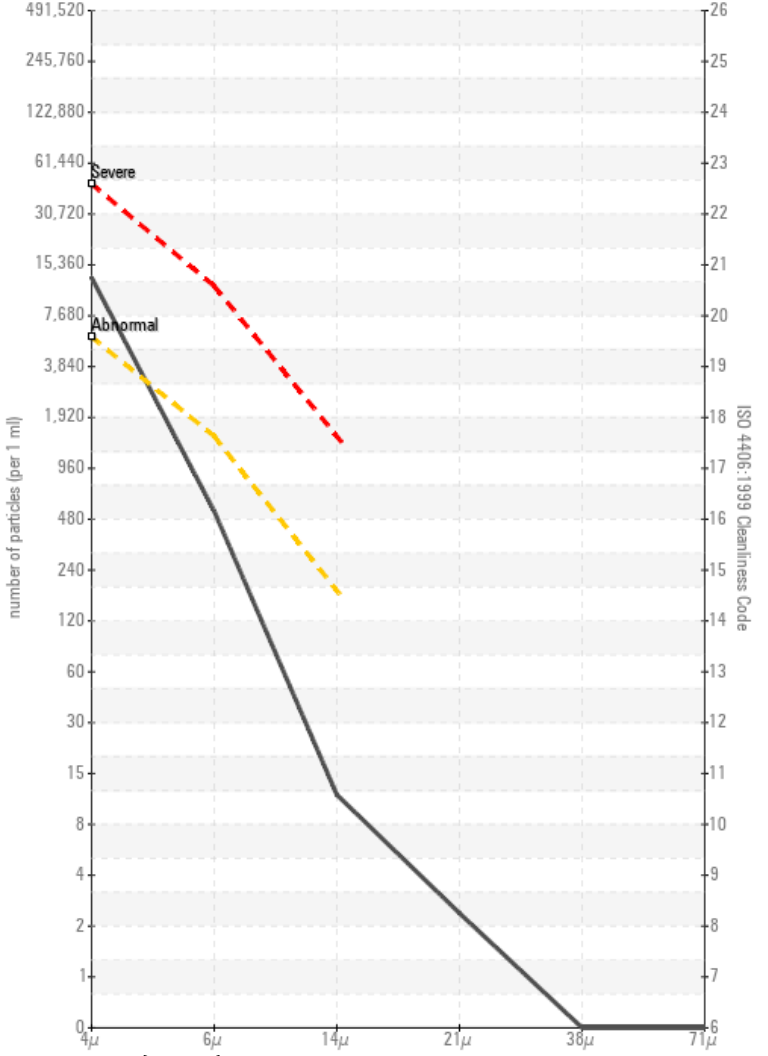
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

