



CONSTRUCTION EQUIPMENT

G08924 RENTAL VOLVO L110H 631942 - HYDRAULIC SYSTEM



Sample No: VCP409987
Oil Type: {unknown}
Job No: G08924 RENTAL



SAMPLE INFORMATION

Sample Number	VCP409987	---	---	---
Sample Date	24 Jun 2024	---	---	---
Machine Hours	3860	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 43.0	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.80	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		█ 10356	---	---	---
Particles >6µm		● 3337	---	---	---
Particles >14µm		▲ 170	---	---	---
ISO 4406:1999 (c)		21/19/15	---	---	---
Silicon	ppm	█ 7	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 0	---	---	---

Diagnosis

We recommend you service the filters on this component. 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	█ 1	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	2	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	1822	---	---	---
Magnesium	ppm	42	---	---	---
Zinc	ppm	839	---	---	---
Phosphorus	ppm	724	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	51	---	---	---

Depot: VOLVO8880
Unique No: 11101022
Signed: Wes Davis
Report Date: 01 Jul 2024

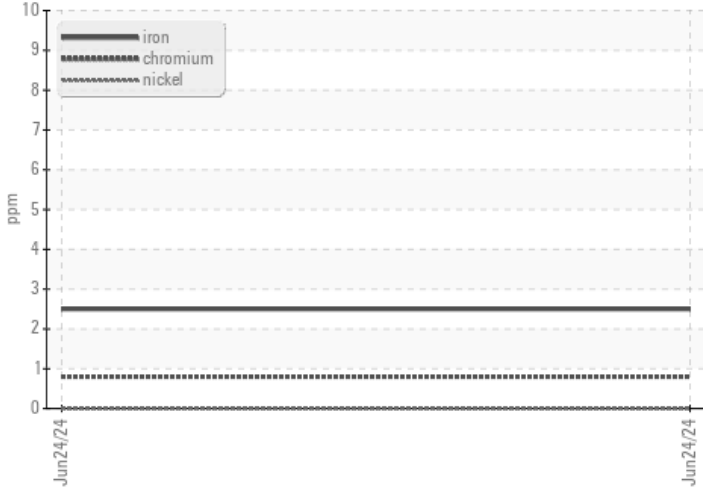


CONSTRUCTION EQUIPMENT

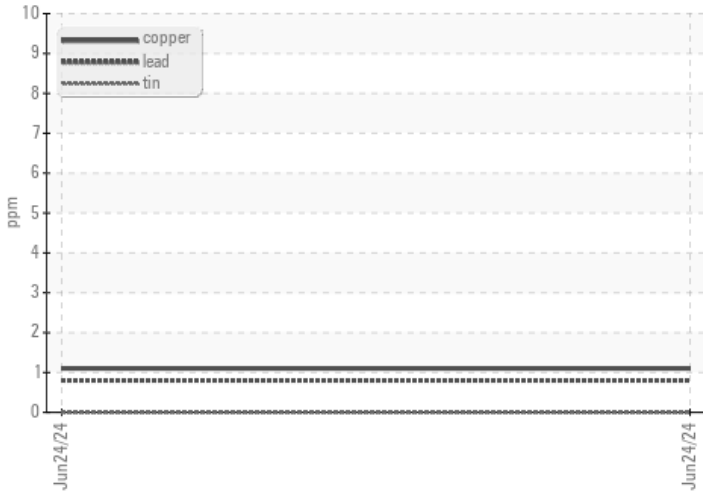


GRAPHS

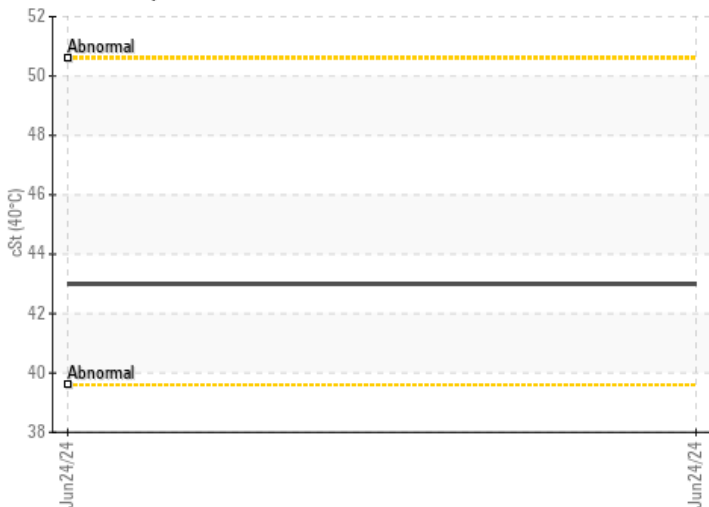
Ferrous Alloys



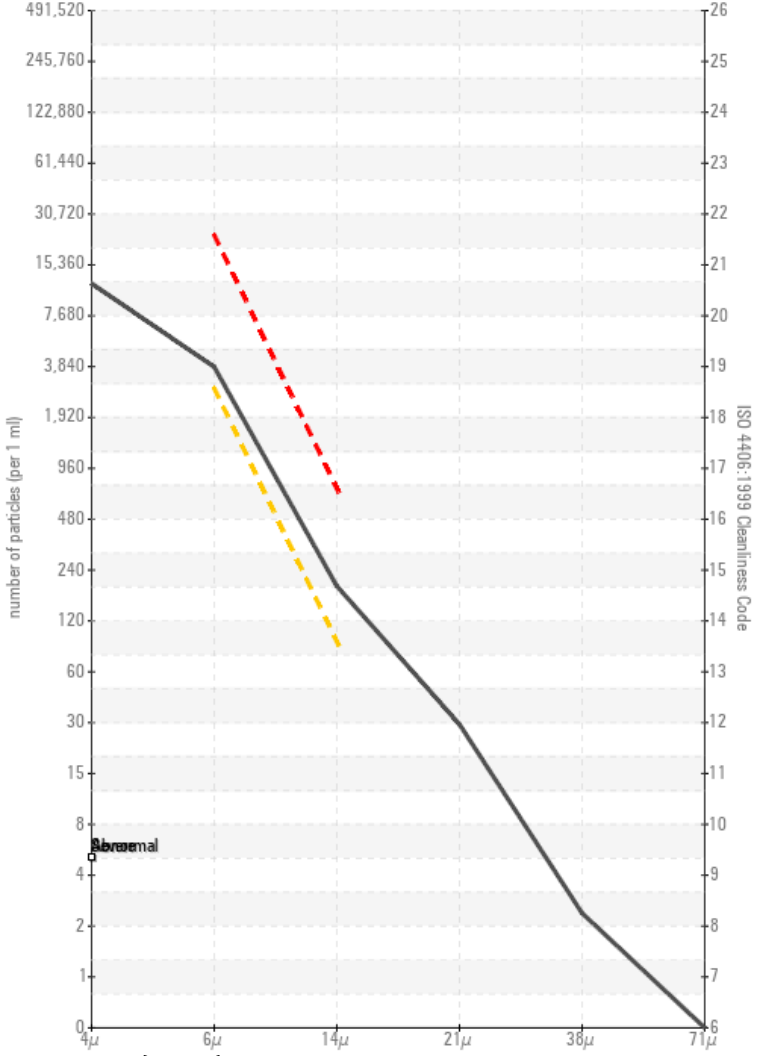
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

