



CONSTRUCTION EQUIPMENT

G08869 VOLVO L60H 623296 - HYDRAULIC SYSTEM



Sample No: VCP440223
Oil Type: {unknown}
Job No: G08869



SAMPLE INFORMATION

Sample Number	VCP440223	---	---	---
Sample Date	04 Jun 2024	---	---	---
Machine Hours	8134	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

HOFFMAN EQUIPMENT - DEPTFORD
 1330 HURFFVILLE ROAD
 DEPTFORD, NJ
 US 08096
 Contact: TAMMY SANDORA
 tammy.sandora@hoffmanequip.com
 T: (856)227-6400
 F: (856)227-0046



OIL CONDITION

Visc @ 40°C	cSt	█ 46.5	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.97	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		█ 1270	---	---	---
Particles >6µm		█ 238	---	---	---
Particles >14µm		█ 23	---	---	---
ISO 4406:1999 (c)		17/15/12	---	---	---
Silicon	ppm	█ 6	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 3	---	---	---

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



WEAR METALS

Iron	ppm	█ 5	---	---	---
Copper	ppm	█ 21	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 4	---	---	---
Molybdenum	ppm	1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	1623	---	---	---
Magnesium	ppm	18	---	---	---
Zinc	ppm	795	---	---	---
Phosphorus	ppm	680	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	3	---	---	---

Depot: VOLVO8880
Unique No: 11071989
Signed: Wes Davis
Report Date: 12 Jun 2024

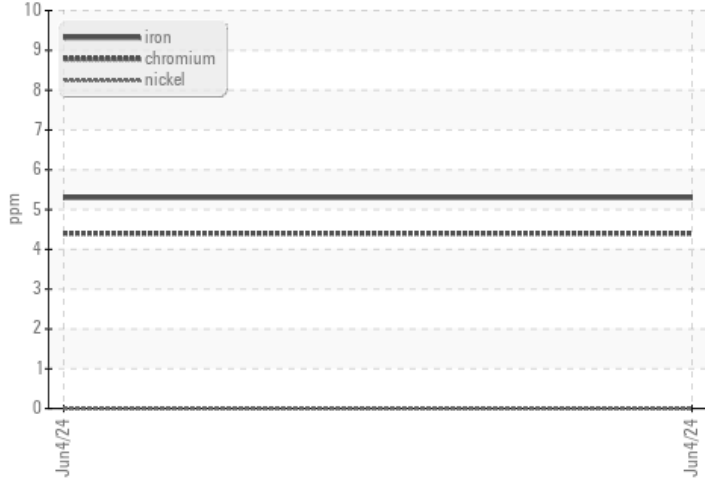


CONSTRUCTION EQUIPMENT

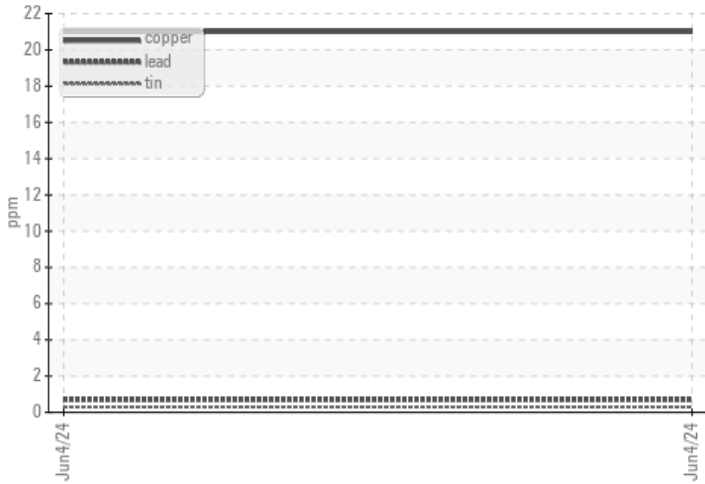


GRAPHS

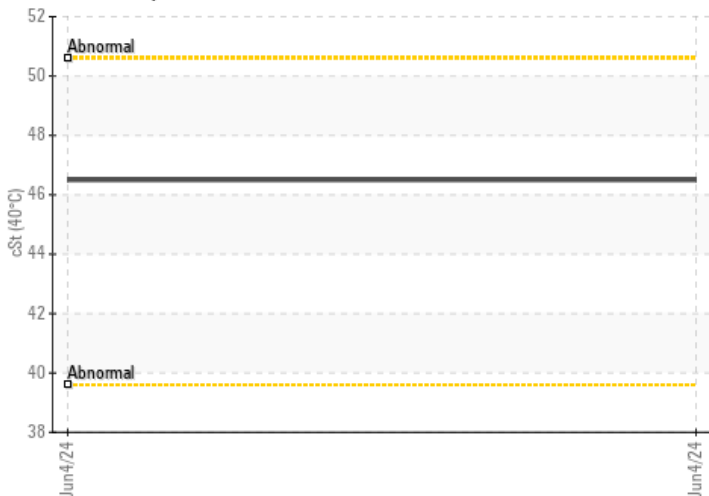
Ferrous Alloys



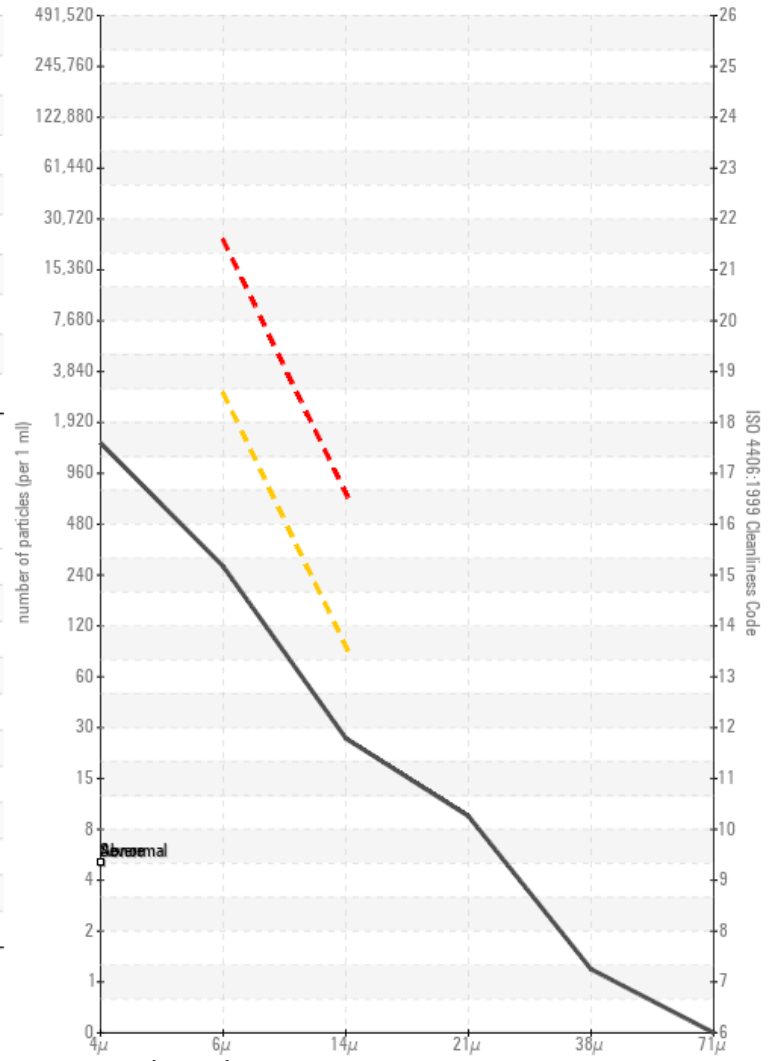
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

