



CONSTRUCTION EQUIPMENT

VOLVO L90H L90H 625329 - HYDRAULIC SYSTEM



Sample No: VCP0008022

Oil Type: {unknown}

Job No:



SAMPLE INFORMATION

Sample Number	VCP0008022	---	---	---
Sample Date	15 Aug 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

ALTA EQUIPMENT COMPANY

8750 PHILIPS HWY
JACKSONVILLE, FL
US 32256

Contact: TECHNICIAN ACCOUNT
catherine.anastasio@wearcheck.com
T:
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OIL CONDITION

Visc @ 40°C	cSt	█ 42.3	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.30	---	---	---



CONTAMINATION

Particles >4µm		█ 4644	---	---	---
Particles >6µm		█ 659	---	---	---
Particles >14µm		█ 41	---	---	---
ISO 4406:1999 (c)		19/17/13	---	---	---
Silicon	ppm	█ 6	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ <1	---	---	---

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	█ 7	---	---	---
Copper	ppm	█ 3	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	76	---	---	---
Magnesium	ppm	4	---	---	---
Zinc	ppm	417	---	---	---
Phosphorus	ppm	311	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	0	---	---	---

Depot: VOLVO0092
Unique No: 10608707
Signed: Wes Davis
Report Date: 21 Aug 2023

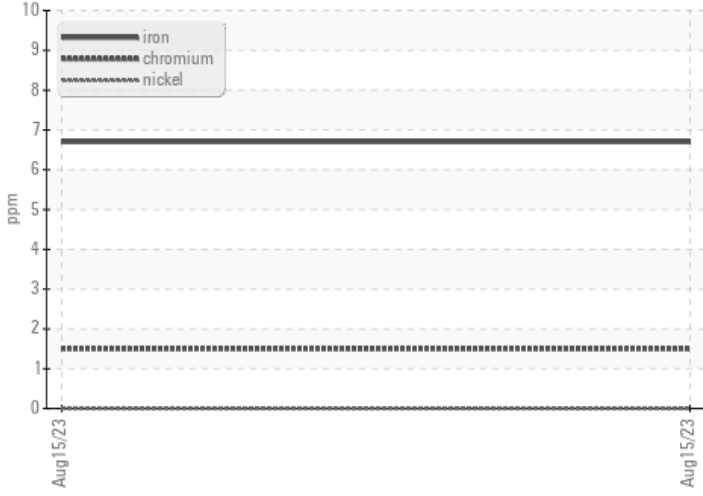


CONSTRUCTION EQUIPMENT

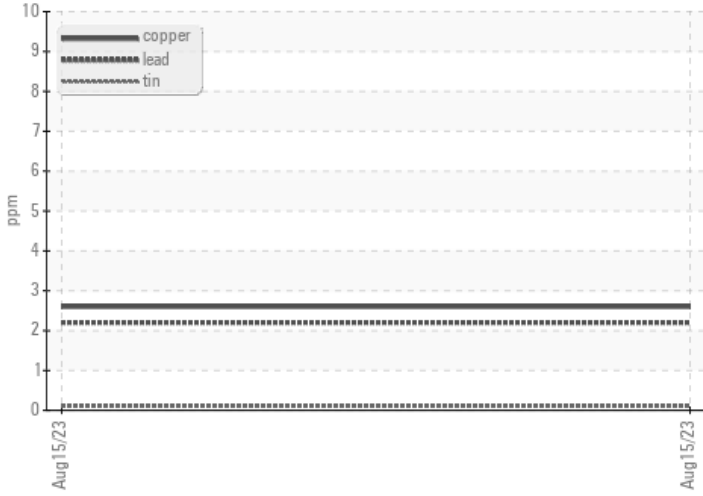


VOLVO GRAPHS

Ferrous Alloys



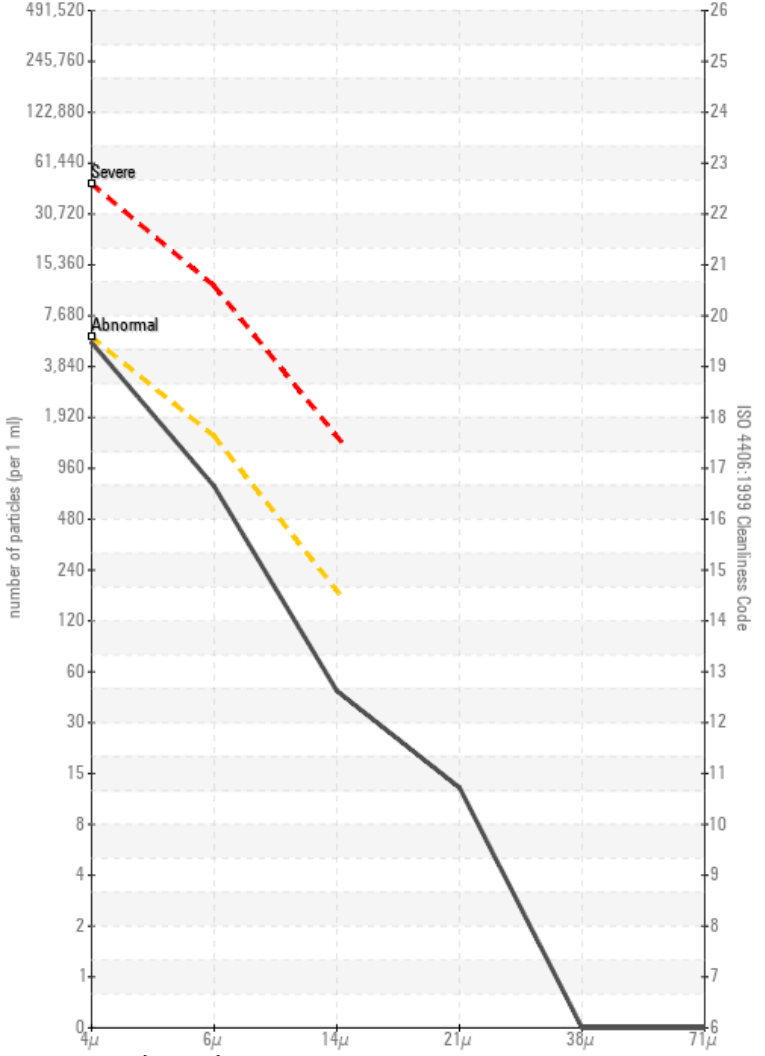
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

