



CONSTRUCTION EQUIPMENT

VOLVO L120H 632841 - HYDRAULIC SYSTEM



Sample No: VCP0008149

Oil Type: {unknown}

Job No:



SAMPLE INFORMATION

Sample Number	VCP0008149	VCP303959	---	---
Sample Date	25 Jan 2024	19 Mar 2021	---	---
Machine Hours	8601	1036	---	---
Oil Hours	8601	0	---	---
Oil Changed	N/A	Not Changd	---	---
Sample Status	ABNORMAL	NORMAL	---	---

ALTA EQUIPMENT COMPANY

8750 PHILIPS HWY
JACKSONVILLE, FL
US 32256

Contact: SHAWN NORTHCRAFT
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OIL CONDITION

Visc @ 40°C	cSt	48.9	44.0	---	---
Acid Number (AN)	mg KOH/g	0.98	0.417	---	---



CONTAMINATION

Water	%	NEG	NEG	---	---
Particles >4µm		28055	4220	---	---
Particles >6µm		3007	249	---	---
Particles >14µm		80	39	---	---
ISO 4406:1999 (c)		22/19/13	19/15/12	---	---
Silicon	ppm	8	10	---	---
Sodium	ppm	1	3	---	---
Potassium	ppm	<1	<1	---	---

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



ADDITIVES

Calcium	ppm	1995	737	---	---
Magnesium	ppm	18	9	---	---
Zinc	ppm	980	652	---	---
Phosphorus	ppm	793	504	---	---
Barium	ppm	0	0	---	---
Boron	ppm	57	26	---	---

Depot: VOLVO0092
Unique No: 10857744
Signed: Wes Davis
Report Date: 01 Feb 2024

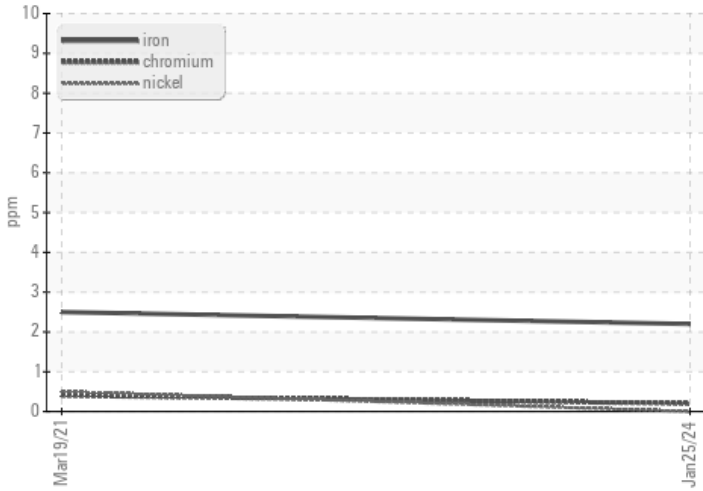


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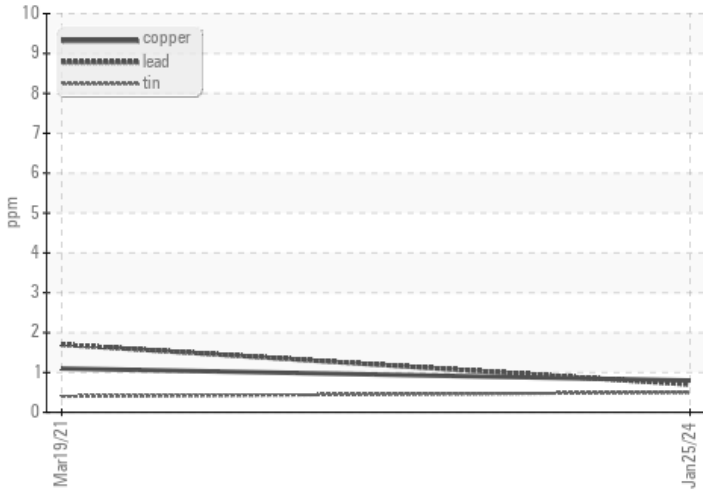


GRAPHS

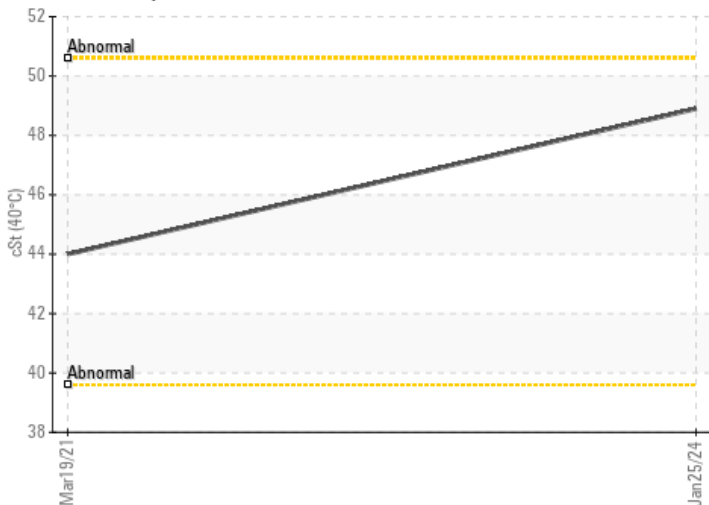
Ferrous Alloys



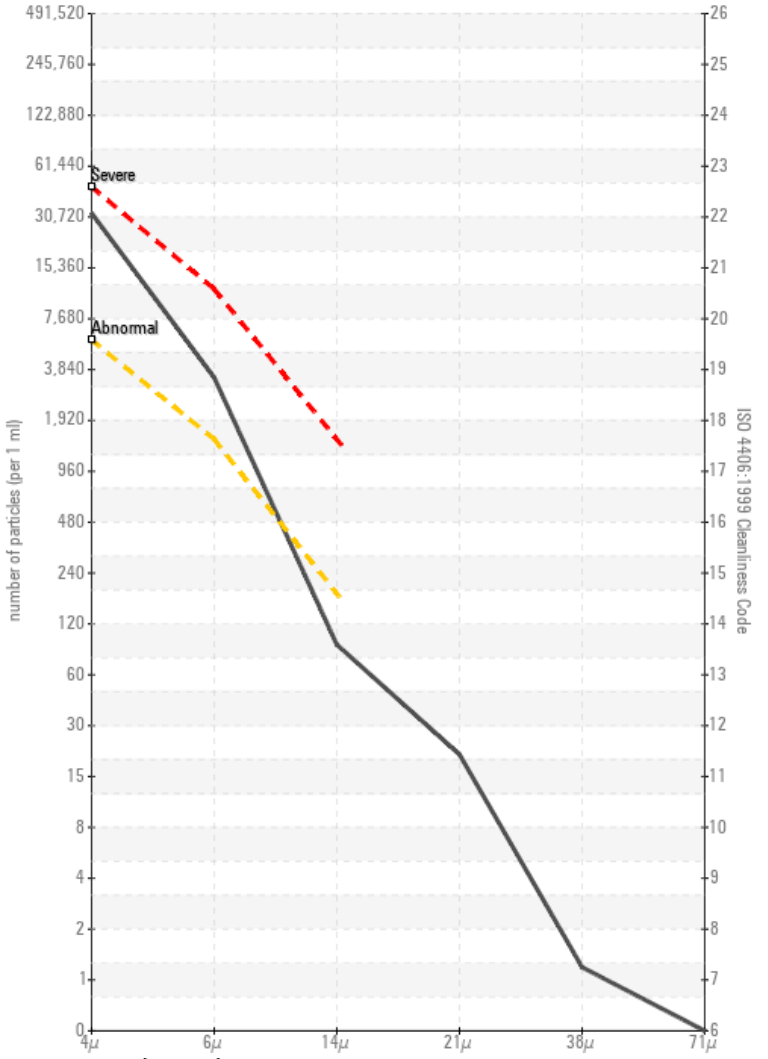
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

