



CONSTRUCTION EQUIPMENT

VOLVO L60H 622906 - HYDRAULIC SYSTEM



Sample No: VCP0007922

Oil Type: NOT GIVEN

Job No:



SAMPLE INFORMATION

Sample Number	VCP0007922	---	---	---
Sample Date	05 Dec 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ATTENTION	---	---	---



ALTA EQUIPMENT COMPANY

8750 PHILIPS HWY
JACKSONVILLE, FL
US 32256

Contact: TECHNICIAN ACCOUNT
catherine.anastasio@wearcheck.com
T:
F: (904)737-1260



OIL CONDITION

Visc @ 40°C	cSt	█ 44.2	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.25	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		█ 3000	---	---	---
Particles >6µm		█ 1010	---	---	---
Particles >14µm		▲ 120	---	---	---
ISO 4406:1999 (c)		19/17/14	---	---	---
Silicon	ppm	█ 3	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ <1	---	---	---

Diagnosis

We recommend you service the filters on this component. Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is ISO 46 AW Hydraulic Oil. Please confirm the oil type and grade, and specify the brand of the oil on your next sample. All component wear rates are normal. There is a light amount of silt (particulates < 14 microns in size) present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



WEAR METALS

Iron	ppm	█ 4	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	2	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	66	---	---	---
Magnesium	ppm	7	---	---	---
Zinc	ppm	413	---	---	---
Phosphorus	ppm	313	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	0	---	---	---

Depot: VOLVO0092
Unique No: 10777460
Signed: Wes Davis
Report Date: 08 Dec 2023

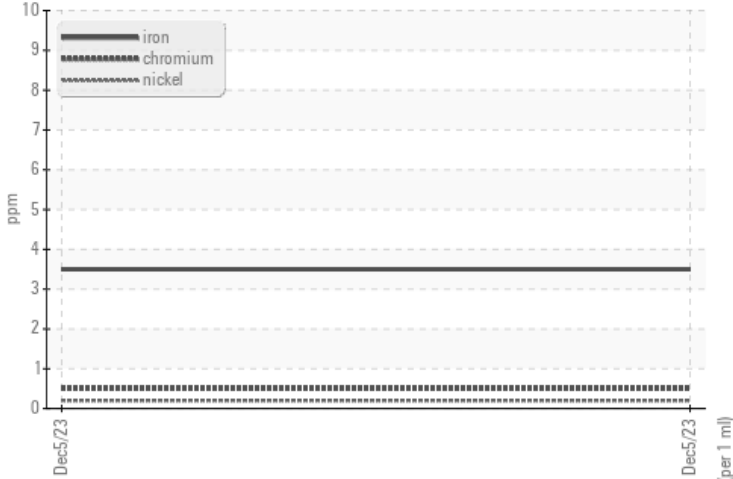


CONSTRUCTION EQUIPMENT

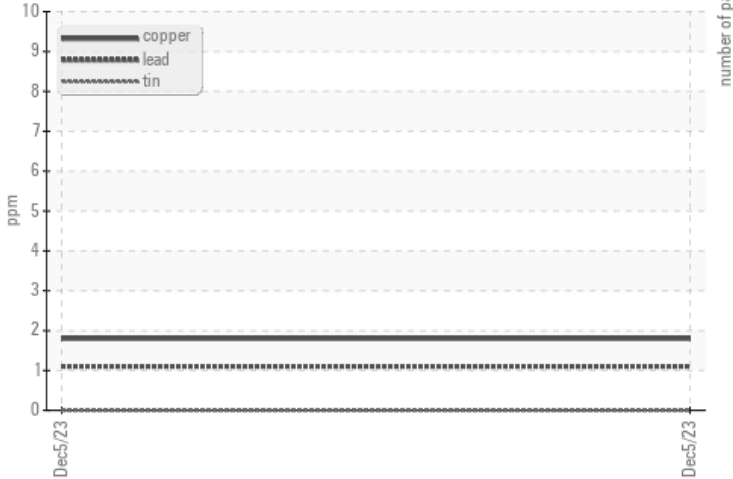


GRAPHS

Ferrous Alloys



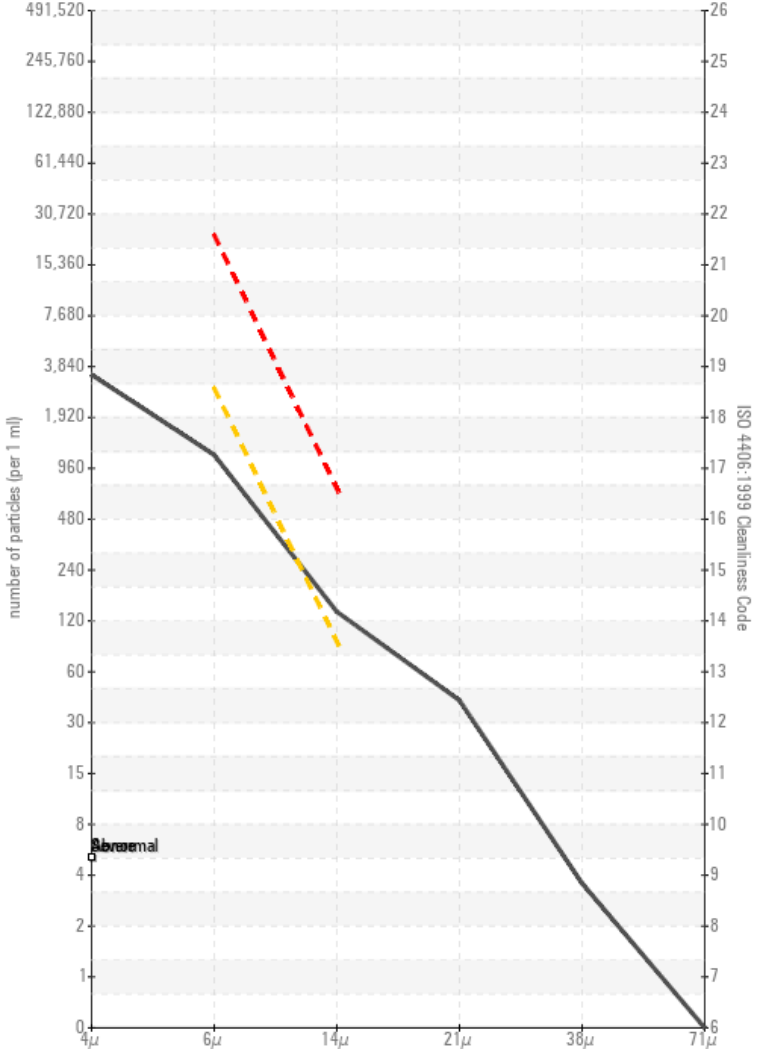
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

