



CONSTRUCTION EQUIPMENT

VOLVO 310620 - HYDRAULIC SYSTEM



Sample No: VCP0007934

Oil Type: NOT GIVEN

Job No:



SAMPLE INFORMATION

Sample Number	VCP0007934	---	---	---
Sample Date	05 Dec 2023	---	---	---
Machine Hours	5999	---	---	---
Oil Hours	5999	---	---	---
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:
 F: (904)737-1260



OIL CONDITION

Visc @ 40°C	cSt	█ 40.0	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.32	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		█ 1805	---	---	---
Particles >6µm		█ 312	---	---	---
Particles >14µm		█ 21	---	---	---
ISO 4406:1999 (c)		18/15/12	---	---	---
Silicon	ppm	█ 10	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ <1	---	---	---



WEAR METALS

Iron	ppm	█ 7	---	---	---
Copper	ppm	█ 17	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 4	---	---	---
Chromium	ppm	█ 6	---	---	---
Molybdenum	ppm	1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	78	---	---	---
Magnesium	ppm	10	---	---	---
Zinc	ppm	427	---	---	---
Phosphorus	ppm	337	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	0	---	---	---

Diagnosis

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. 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.

Depot: VOLVO0092
Unique No: 10777469
Signed: Wes Davis
Report Date: 08 Dec 2023

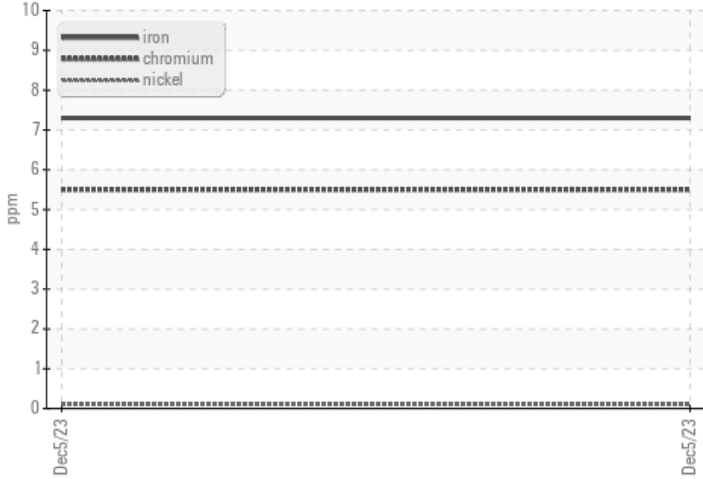


CONSTRUCTION EQUIPMENT

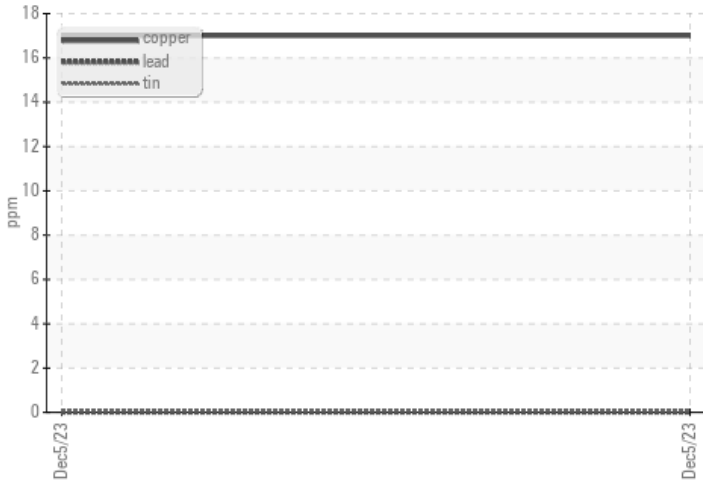


VOLVO GRAPHS

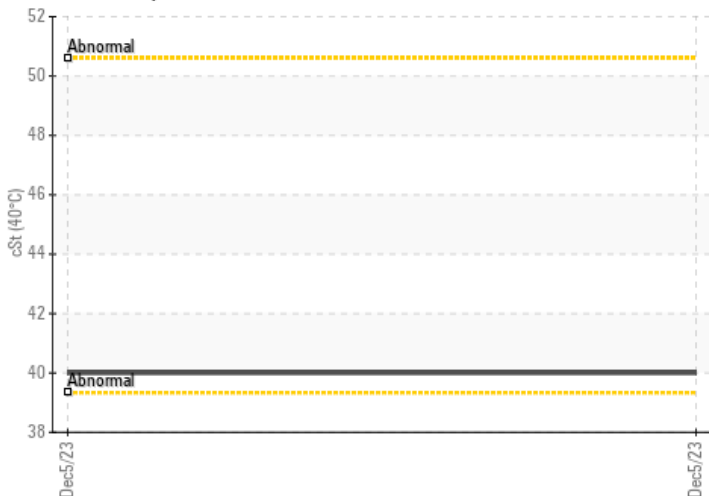
Ferrous Alloys



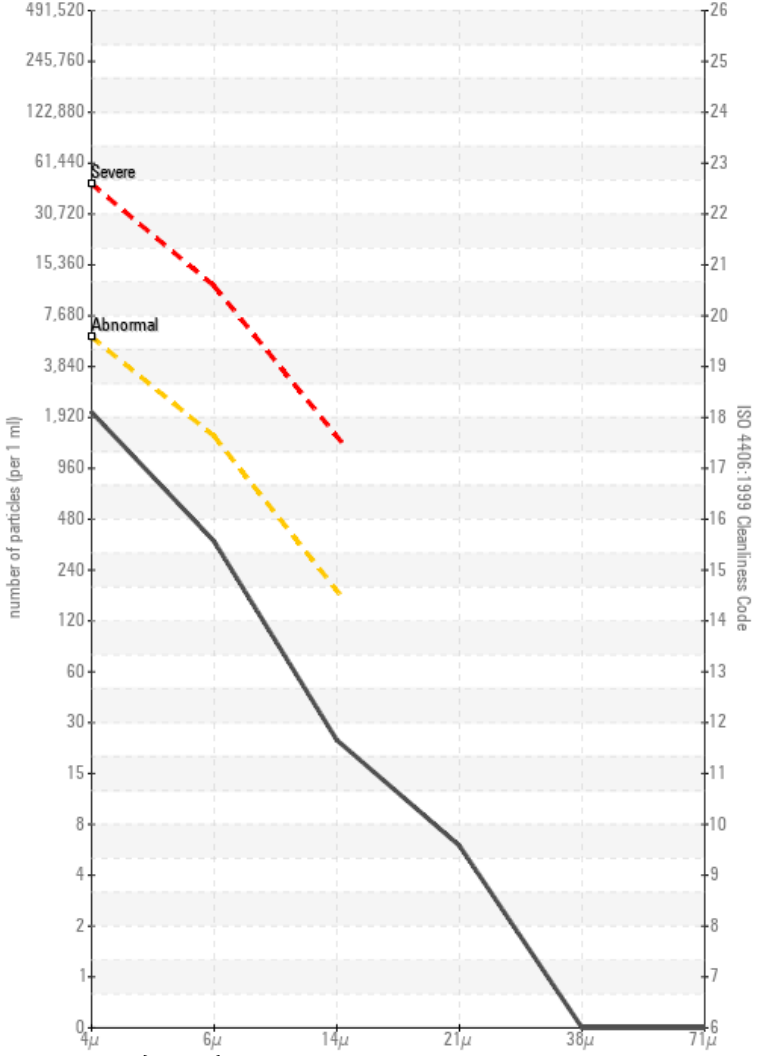
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

