



CONSTRUCTION EQUIPMENT

700392 ALTA RENTS VOLVO A25G 752731 - HYDRAULIC SYSTEM



Sample No: VCP438221
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 700392 ALTA RENTS



SAMPLE INFORMATION

Sample Number	VCP438221	VCP440383	---	---
Sample Date	02 Apr 2024	13 Oct 2023	---	---
Machine Hours	1259	627	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	N/A	---	---
Sample Status	ATTENTION	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 43.8	█ 44.7	---	---
Acid Number (AN)	mg KOH/g	█ 0.45	█ 0.44	---	---



CONTAMINATION

Water	%	NEG	NEG	---	---
Particles >4µm		█ 8632	█ 4289	---	---
Particles >6µm		█ 2784	█ 1019	---	---
Particles >14µm		● 207	█ 54	---	---
ISO 4406:1999 (c)		20/19/15	19/17/13	---	---
Silicon	ppm	█ 4	█ 4	---	---
Sodium	ppm	█ <1	█ <1	---	---
Potassium	ppm	█ 0	█ 0	---	---

Diagnosis

We recommend you service the filters on this component. Resample at the next service interval to monitor. 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	█ 2	█ 3	---	---
Copper	ppm	█ 2	█ 2	---	---
Lead	ppm	█ <1	█ 1	---	---
Tin	ppm	█ <1	█ 0	---	---
Aluminum	ppm	█ 0	█ 0	---	---
Chromium	ppm	█ 0	█ 0	---	---
Molybdenum	ppm	█ 0	█ 0	---	---
Nickel	ppm	█ 0	█ 0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 0	█ 0	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	█ 65	█ 60	---	---
Magnesium	ppm	█ 5	█ <1	---	---
Zinc	ppm	█ 416	█ 425	---	---
Phosphorus	ppm	█ 327	█ 325	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 0	█ 0	---	---

Depot: VOLVO0096
Unique No: 10968961
Signed: Wes Davis
Report Date: 11 Apr 2024

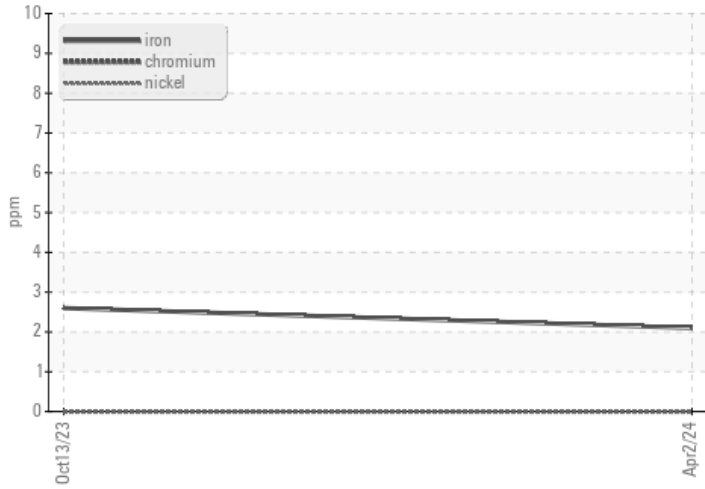


CONSTRUCTION EQUIPMENT

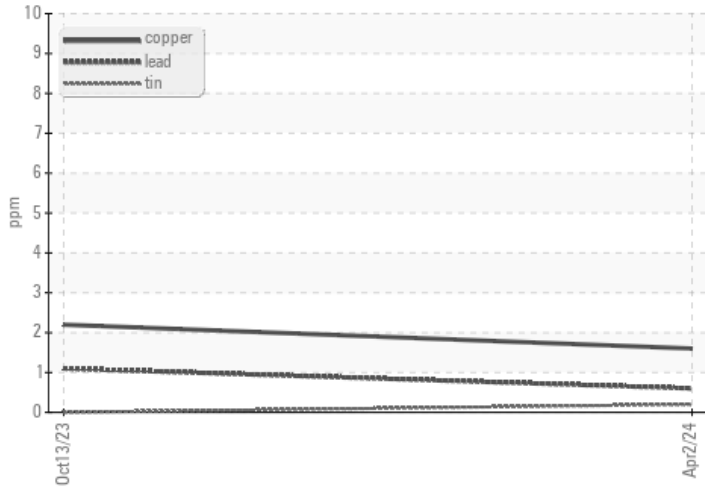


GRAPHS

Ferrous Alloys



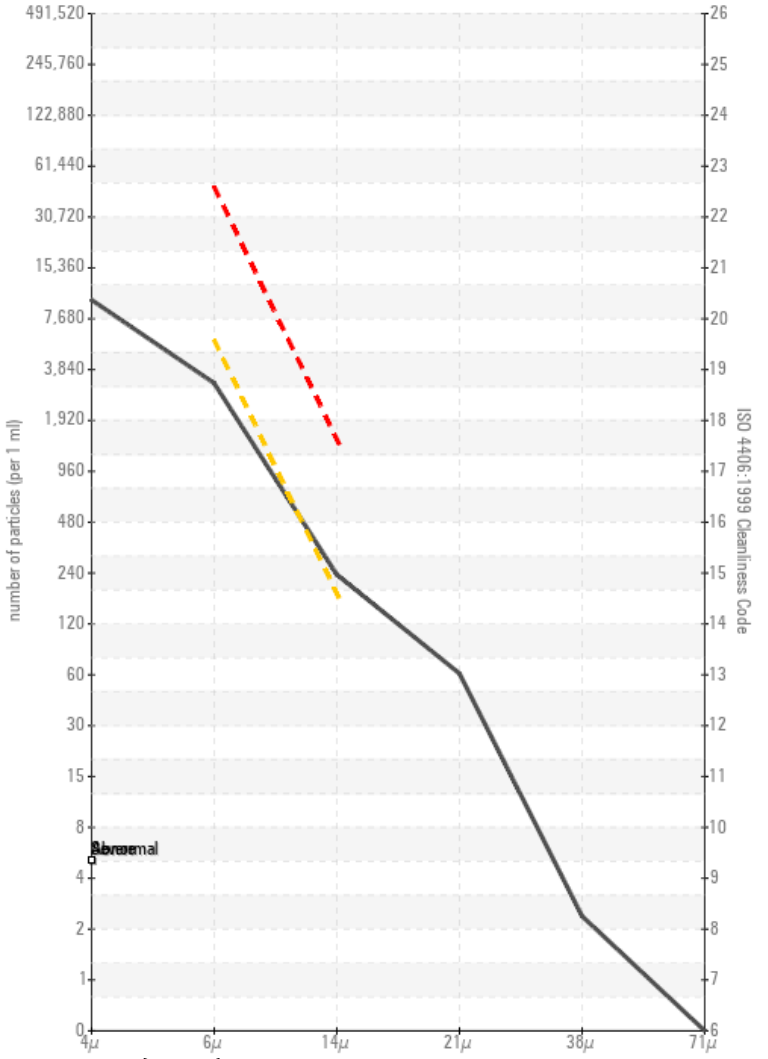
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

