



CONSTRUCTION EQUIPMENT

632831 ALTA RENTS VOLVO EC350 314638 - HYDRAULIC SYSTEM



Sample No: VCP432808
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 632831 ALTA RENTS



SAMPLE INFORMATION

Sample Number	VCP432808	---	---	---
Sample Date	03 Nov 2023	---	---	---
Machine Hours	545	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ATTENTION	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 42.3	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.48	---	---	---



CONTAMINATION

Particles >4µm		▲ 40220	---	---	---
Particles >6µm		▲ 10202	---	---	---
Particles >14µm		█ 1513	---	---	---
ISO 4406:1999 (c)		23/21/18	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 2	---	---	---

Diagnosis

The filter change at the time of sampling has been noted. 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	---	---	---
Copper	ppm	█ 15	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 96	---	---	---
Magnesium	ppm	█ <1	---	---	---
Zinc	ppm	█ 551	---	---	---
Phosphorus	ppm	█ 402	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 0	---	---	---

Depot: VOLVO0096
Unique No: 10729883
Signed: Wes Davis
Report Date: 09 Nov 2023

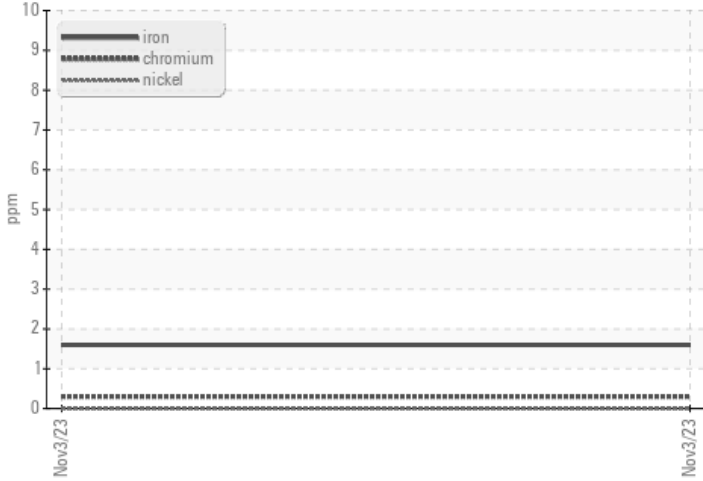


CONSTRUCTION EQUIPMENT

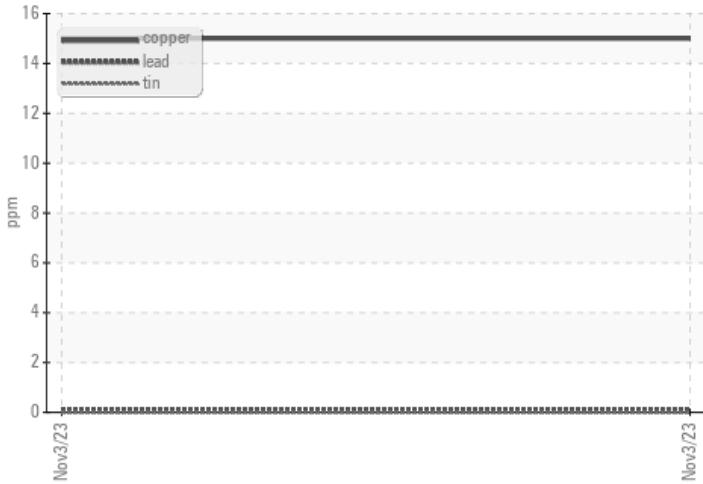


VOLVO GRAPHS

Ferrous Alloys



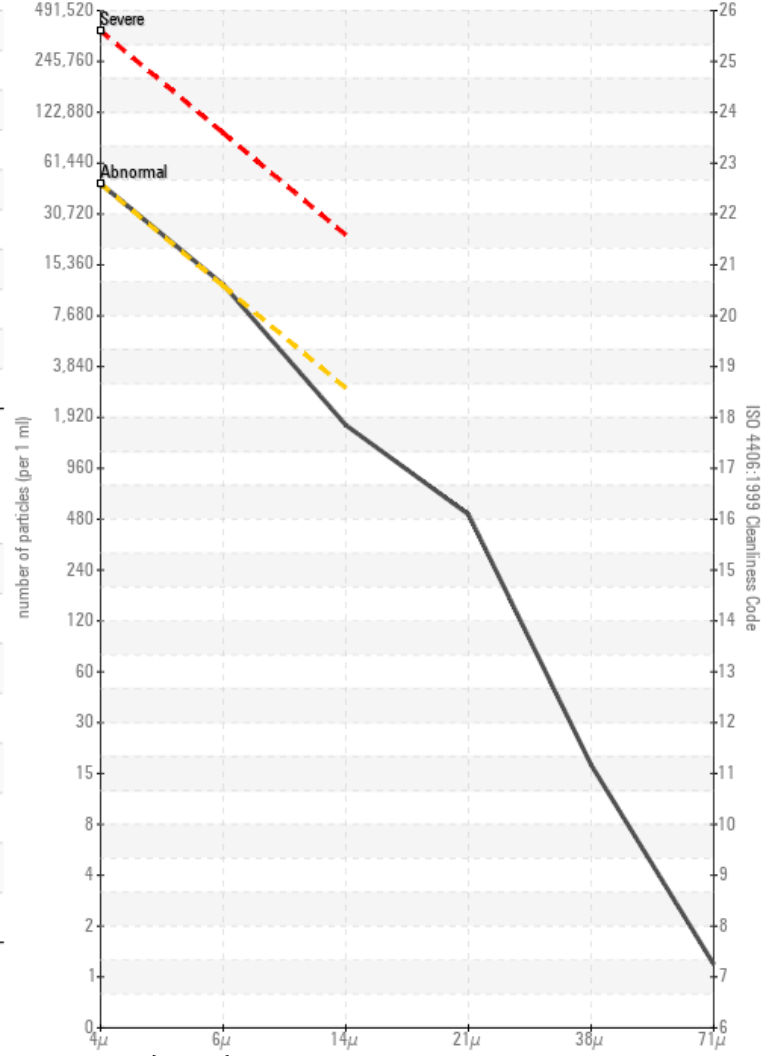
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

