



CONSTRUCTION EQUIPMENT

SPM633258 CADILLAC A VOLVO L25H 1420331 - HYDRAULIC SYSTEM



Sample No: VCP409066
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: SPM633258 CADILLAC A



ALTA CONSTRUCTION EQUIPMENT LLC
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T:
F:



SAMPLE INFORMATION

Sample Number	VCP409066	---	---	---
Sample Date	17 Nov 2023	---	---	---
Machine Hours	1509	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	▲ 34.7	---	---	---
Acid Number (AN)	mg KOH/g	■ 0.88	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		■ 3257	---	---	---
Particles >6µm		■ 149	---	---	---
Particles >14µm		■ 11	---	---	---
ISO 4406:1999 (c)		19/14/11	---	---	---
Silicon	ppm	■ 3	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ 3	---	---	---



WEAR METALS

Iron	ppm	■ 5	---	---	---
Copper	ppm	■ 4	---	---	---
Lead	ppm	■ 2	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	1337	---	---	---
Magnesium	ppm	■ 4	---	---	---
Zinc	ppm	■ 736	---	---	---
Phosphorus	ppm	■ 509	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 0	---	---	---

Diagnosis

Oil and 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 no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable. The oil viscosity is lower than normal. Confirm oil type. The AN level is acceptable for this fluid.

Depot: VOLVO5023
Unique No: 10764987
Signed: Jonathan Hester
Report Date: 06 Dec 2023

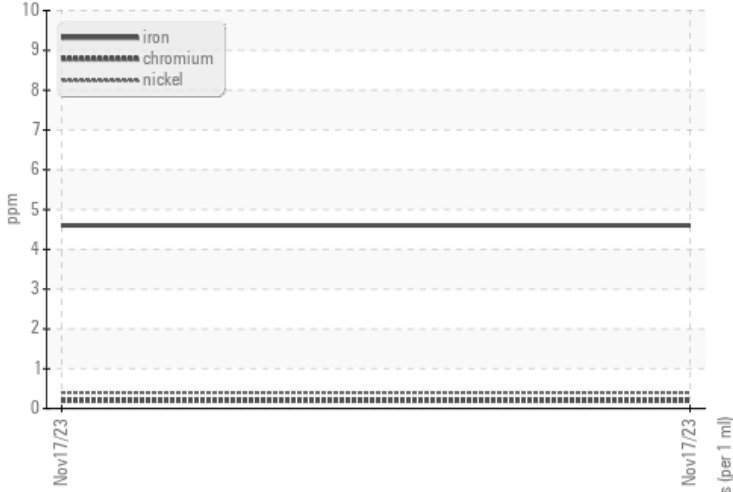


CONSTRUCTION EQUIPMENT

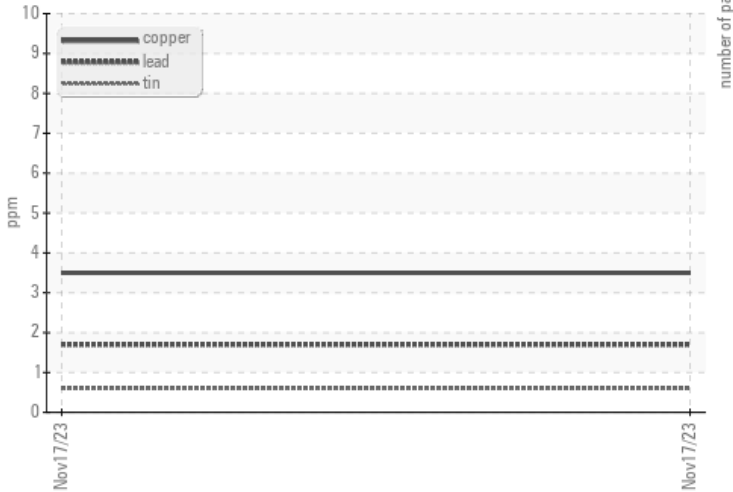


VOLVO GRAPHS

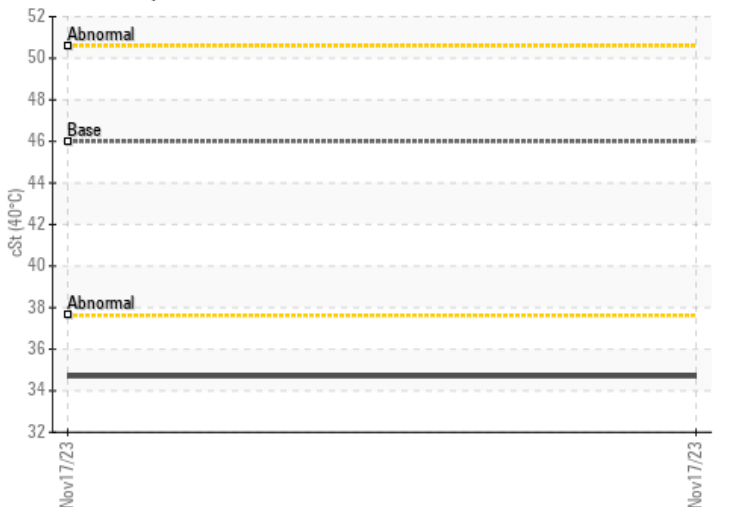
Ferrous Alloys



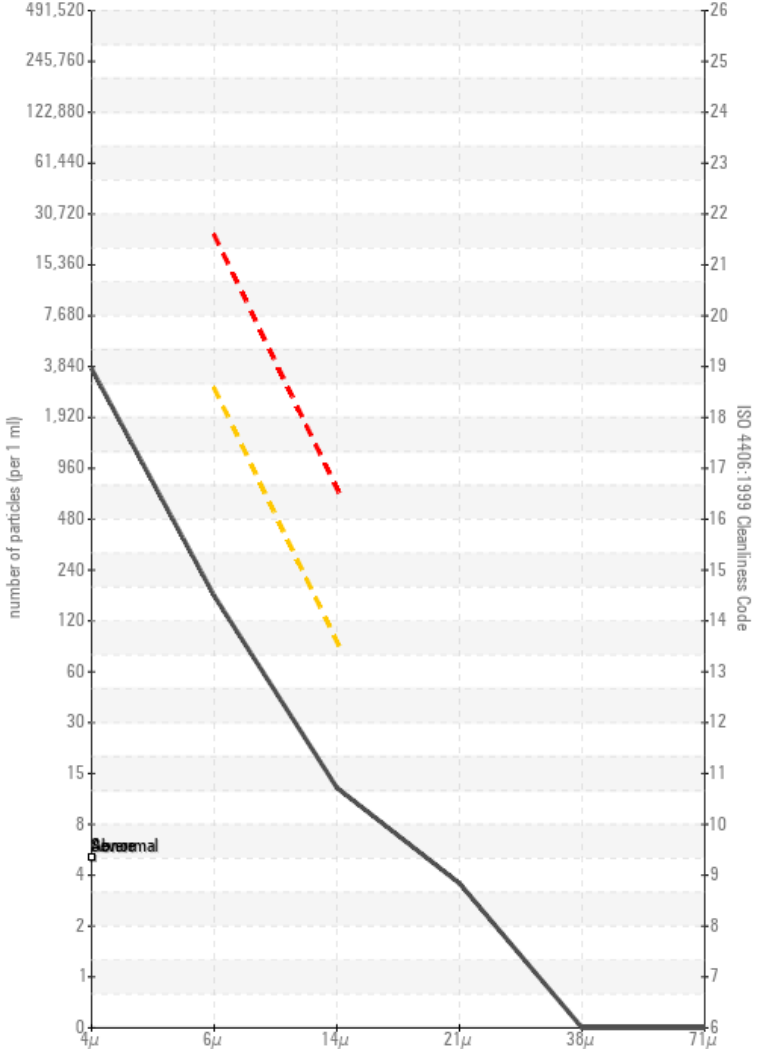
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

