



CONSTRUCTION EQUIPMENT

436205 STONE PLUS VOLVO L356S 03420312 - HYDRAULIC SYSTEM



Sample No: VCP435565
Oil Type: AW HYDRAULIC OIL ISO 46
Job No: 436205 STONE PLUS



SAMPLE INFORMATION

Sample Number	VCP435565	---	---	---
Sample Date	05 Jan 2024	---	---	---
Machine Hours	5015	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ATTENTION	---	---	---

ALTA EQUIPMENT COMPANY
 8750 PHILIPS HWY
 JACKSONVILLE, FL
 US 32256
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 shawn.northcraft@altg.com
 T: (904)737-6000
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OIL CONDITION

Visc @ 40°C	cSt	█ 42.7	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.37	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		9841	---	---	---
Particles >6µm		█ 1603	---	---	---
Particles >14µm		▲ 117	---	---	---
ISO 4406:1999 (c)		20/18/14	---	---	---
Silicon	ppm	█ 2	---	---	---
Sodium	ppm	█ 1	---	---	---
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 (GENERIC) AW HYDRAULIC OIL ISO 46. Please confirm. 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	█ 37	---	---	---
Copper	ppm	█ 3	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 59	---	---	---
Magnesium	ppm	█ <1	---	---	---
Zinc	ppm	█ 475	---	---	---
Phosphorus	ppm	█ 386	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 0	---	---	---

Depot: VOLVO0092
Unique No: 10822552
Signed: Wes Davis
Report Date: 11 Jan 2024

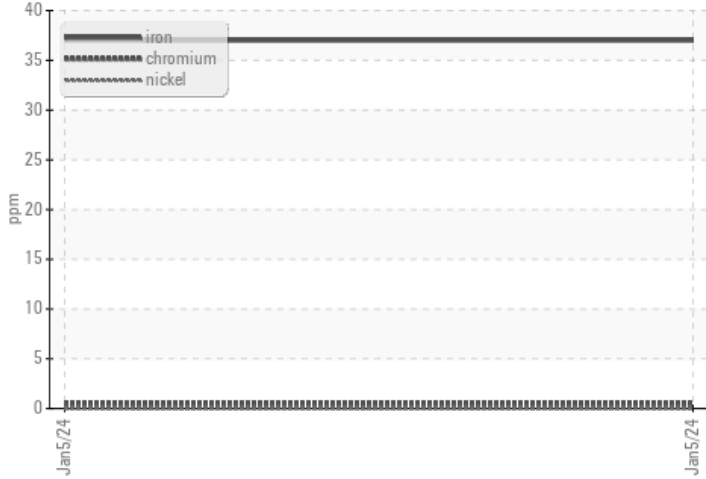


CONSTRUCTION EQUIPMENT

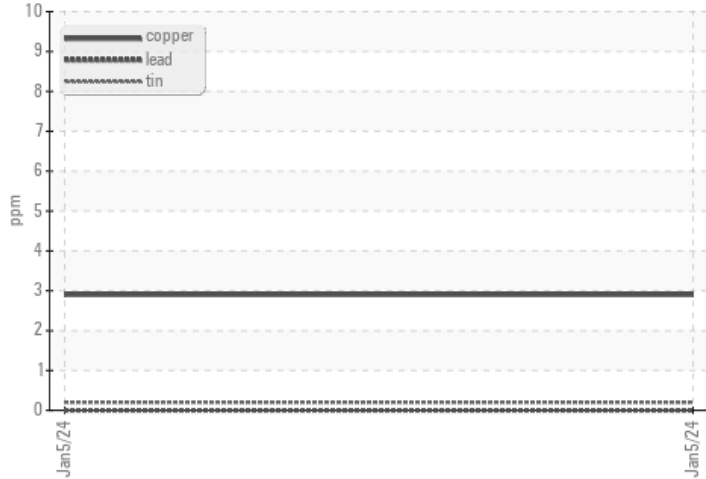


GRAPHS

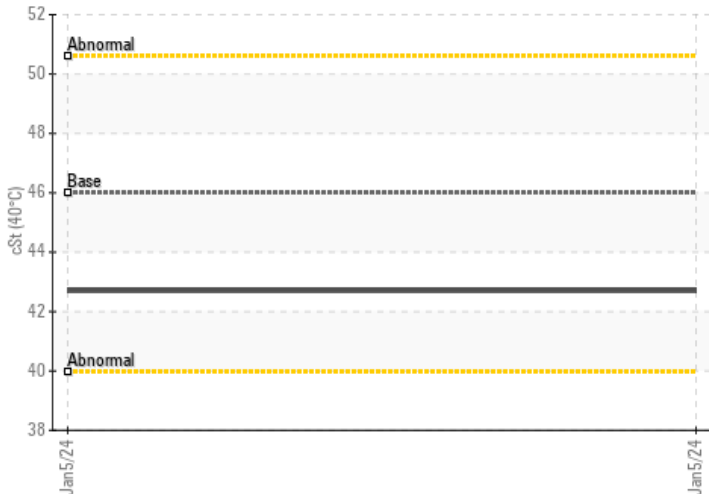
Ferrous Alloys



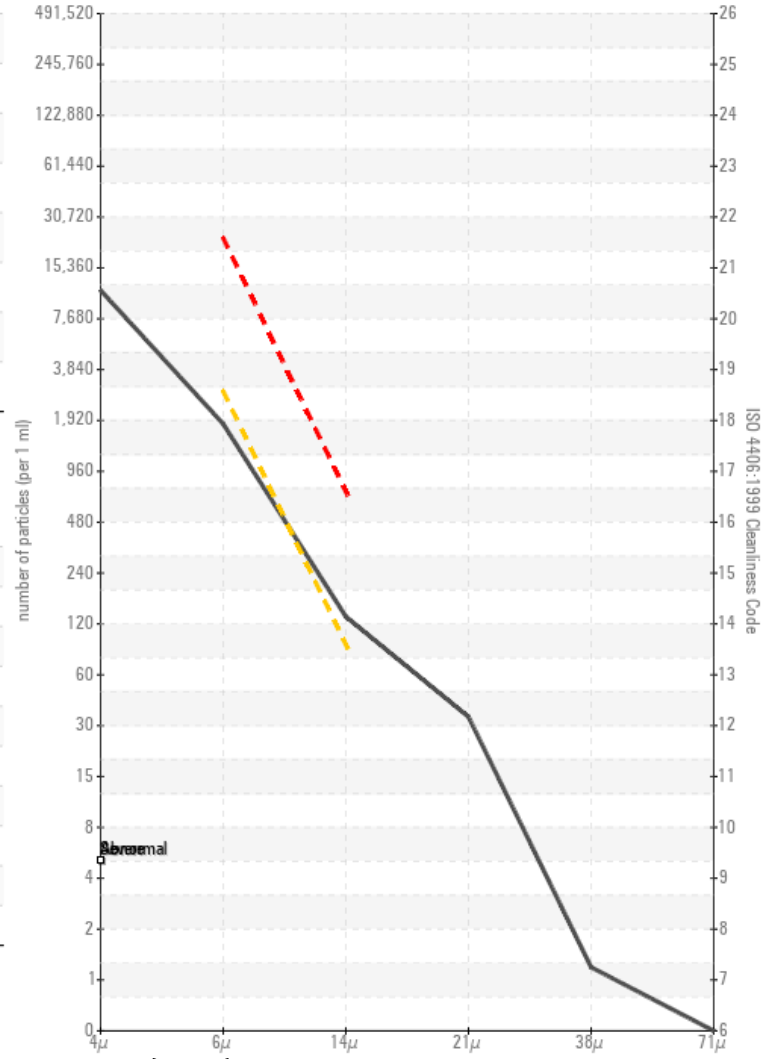
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

