



CONSTRUCTION EQUIPMENT

VOLVO A30G 742658 - HYDRAULIC SYSTEM



Sample No: VCP0008086

Oil Type: NOT GIVEN

Job No:



SAMPLE INFORMATION

Sample Number	VCP0008086	VCP303970	---	---
Sample Date	02 Oct 2023	10 Mar 2021	---	---
Machine Hours	0	938	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	Not Changd	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

ALTA EQUIPMENT COMPANY

8750 PHILIPS HWY
JACKSONVILLE, FL
US 32256

Contact: SHAWN NORTHCRAFT
shawn.northcraft@altg.com
T: (904)737-6000
F: (904)737-1260



OIL CONDITION

Visc @ 40°C	cSt	45.9	47.9	---	---
Acid Number (AN)	mg KOH/g	0.39	0.471	---	---



CONTAMINATION

Particles >4µm		22300	---	---	---
Particles >6µm		8091	---	---	---
Particles >14µm		706	---	---	---
ISO 4406:1999 (c)		22/20/17	---	---	---
Silicon	ppm	5	0	---	---
Sodium	ppm	2	1	---	---
Potassium	ppm	1	<1	---	---



WEAR METALS

Iron	ppm	11	6	---	---
Copper	ppm	5	6	---	---
Lead	ppm	4	3	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	5	0	---	---
Chromium	ppm	1	<1	---	---
Molybdenum	ppm	<1	0	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	0	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	93	93	---	---
Magnesium	ppm	2	0	---	---
Zinc	ppm	469	704	---	---
Phosphorus	ppm	341	558	---	---
Barium	ppm	0	0	---	---
Boron	ppm	0	1	---	---

Diagnosis

We advise that you perform a filter service, and use off-line filtration to improve the cleanliness of the system fluid. We recommend an early resample to monitor this condition. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is a moderate amount of particulates (2 to 100 microns in size) present in the oil. The AN level is acceptable for this fluid. The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.

Depot: VOLVO0092
Unique No: 10675442
Signed: Wes Davis
Report Date: 05 Oct 2023

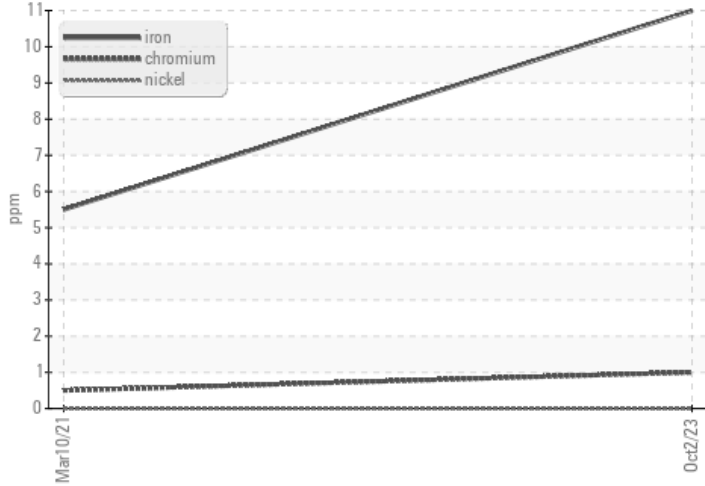


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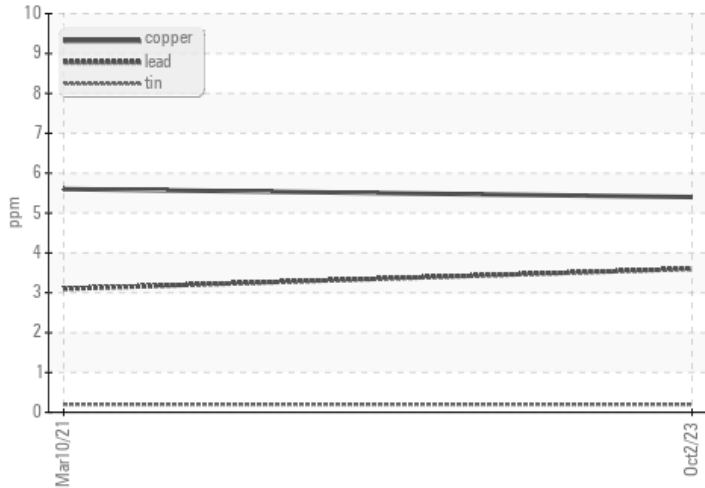


GRAPHS

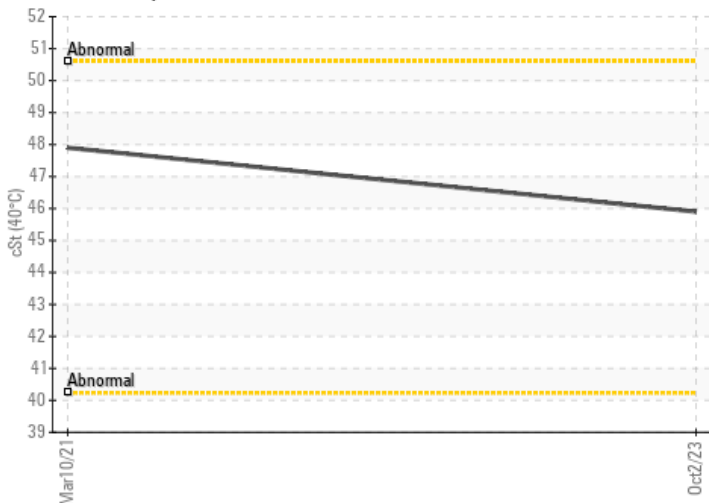
Ferrous Alloys



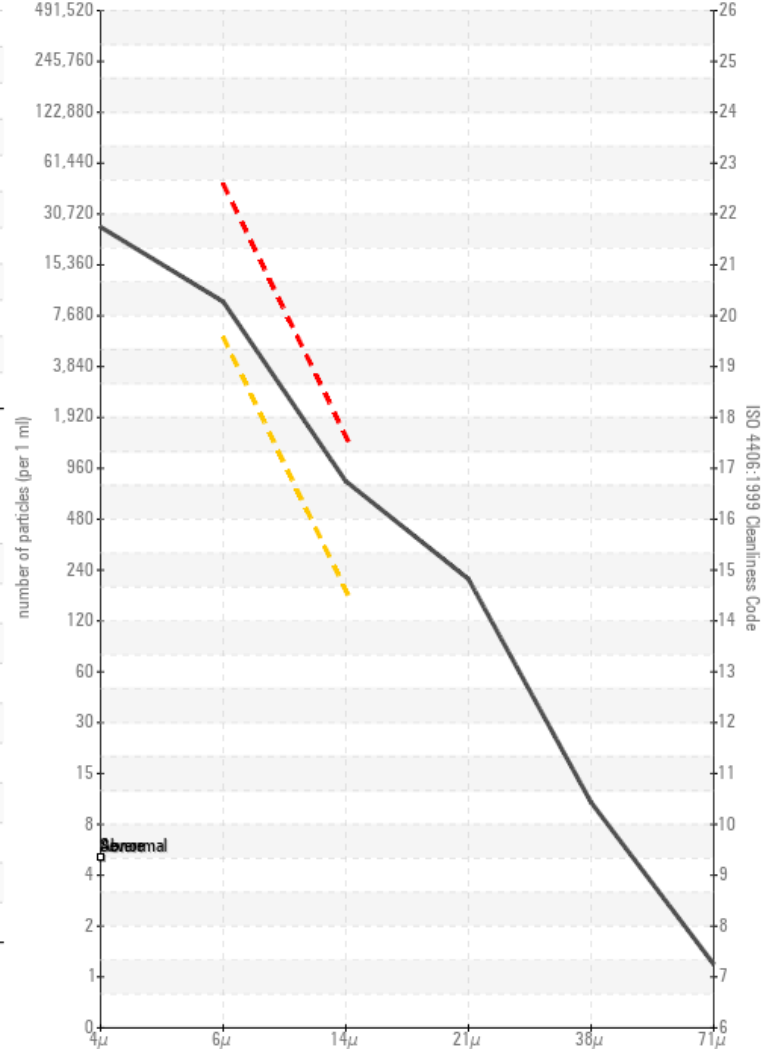
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

