



# CONSTRUCTION EQUIPMENT

## VOLVO A25G 752029 - HYDRAULIC SYSTEM



**Sample No:** VCP0007766

**Oil Type:** {unknown}

**Job No:**



### SAMPLE INFORMATION

Sample Number	VCP0007766	VCP0006166	VCP317162	VCP294797
Sample Date	22 Jan 2024	07 Dec 2022	27 Aug 2021	11 Dec 2020
Machine Hours	4074	2283	2283	974
Oil Hours	4074	2283	2283	974
Oil Changed	N/A	N/A	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	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	45.3	45.1	46.5	47.2
Acid Number (AN)	mg KOH/g	0.35	0.45	0.468	0.558



### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Particles >4µm		14570	273	2205	74520
Particles >6µm		1175	68	460	36071
Particles >14µm		13	8	32	8148
ISO 4406:1999 (c)		21/17/11	15/13/10	18/16/12	23/22/20
Silicon	ppm	4	3	1	3
Sodium	ppm	4	3	<1	2
Potassium	ppm	0	0	0	5

### Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



### WEAR METALS

Iron	ppm	9	10	6	7
Copper	ppm	6	7	6	5
Lead	ppm	2	3	4	4
Tin	ppm	<1	0	<1	0
Aluminum	ppm	<1	<1	0	0
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	0	0	0	<1
Nickel	ppm	0	0	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	<1	0
Vanadium	ppm	<1	0	0	0



### ADDITIVES

Calcium	ppm	61	88	61	52
Magnesium	ppm	0	0	<1	2
Zinc	ppm	378	435	476	454
Phosphorus	ppm	323	353	356	340
Barium	ppm	0	0	0	0
Boron	ppm	0	0	2	<1

**Depot:** VOLVO0092  
**Unique No:** 10847076  
**Signed:** Wes Davis  
**Report Date:** 26 Jan 2024

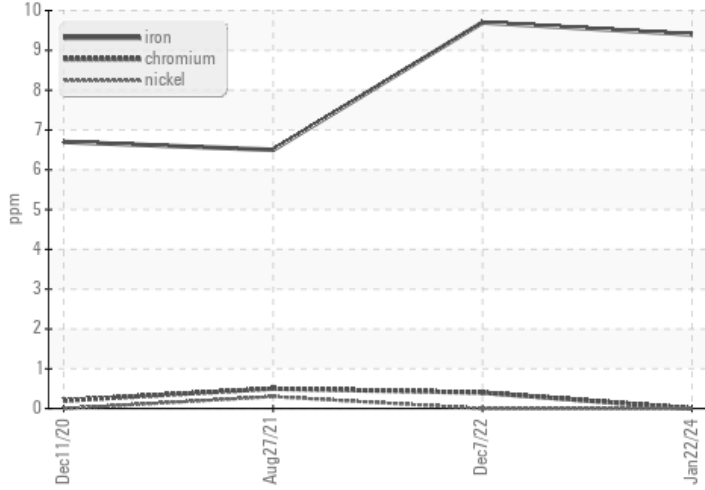


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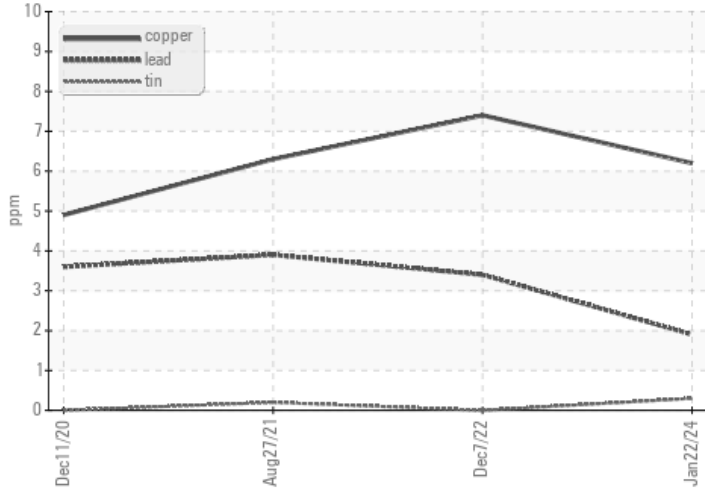


## GRAPHS

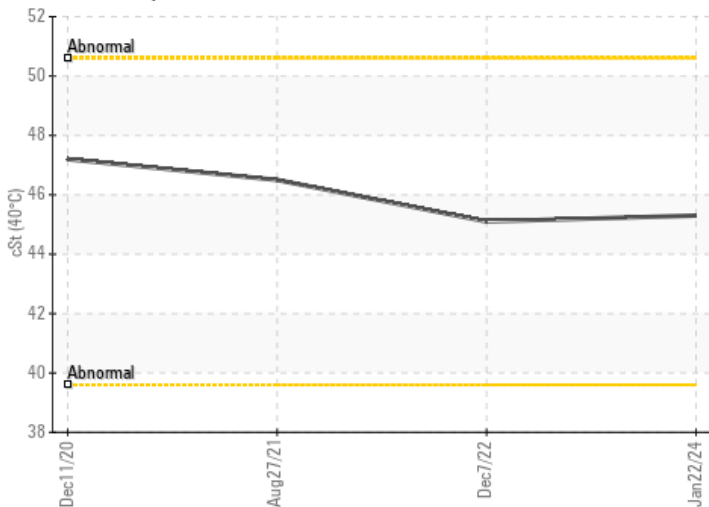
### Ferrous Alloys



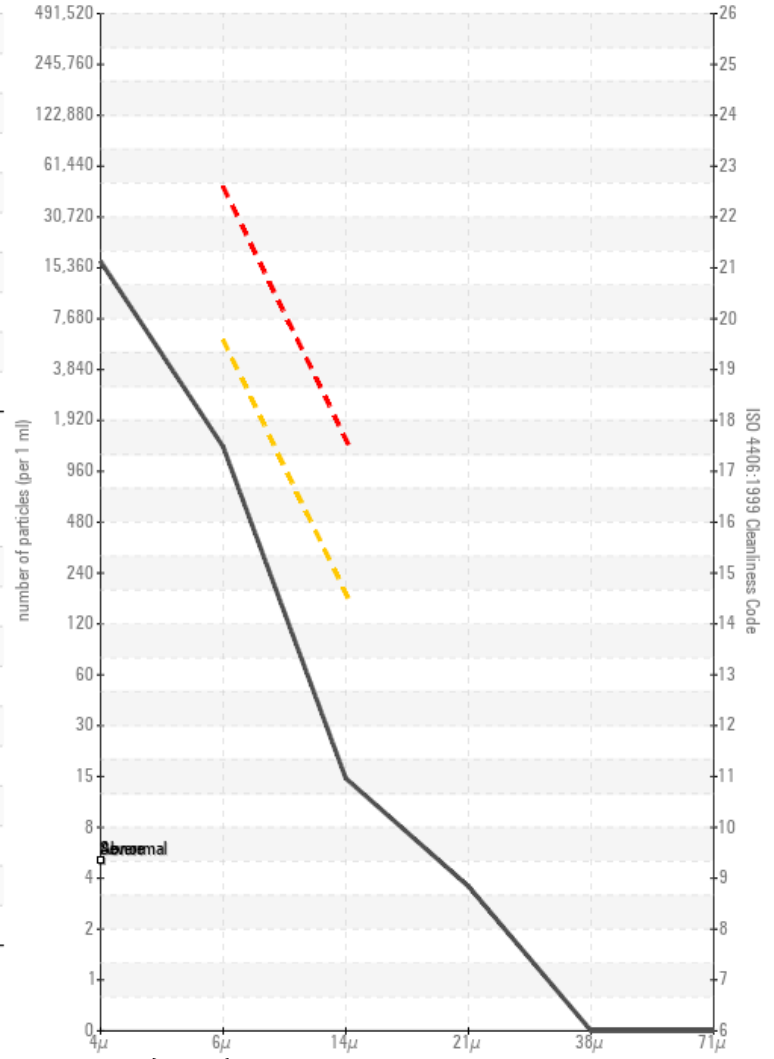
### Non-ferrous Metals



### Viscosity @ 40°C



### Particle Count



### Acid Number

